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The JOURNAL OF IMMUNOLOGICAL METHODS is devoted to covering techniques for: (1) quantitating and detecting antibodies and/or antigens and haptens based on antigen-antibody interactions; (2) fractionating and purifying immunoglobulins, lymphokines and other molecules of the immune system; (3) isolating antigens and other substances important in immunological processes; (4) labelling antigens and antibodies with radioactive and other markers; (5) localizing antigens and/or antibodies in tissues and cells, in vivo or in vitro; (6) detecting, enumerating and fractionating immunocompetent cells; (7) assaying for cellular immunity; (8) detecting cell-surface antigens by cell-cell interactions; (9) initiating immunity and unresponsiveness; (10) transplanting tissues; (11) studying items closely related to immunity such as complement, reticuloendothelial system and others. In addition the journal will publish articles on novel methods for analysing the organisation, structure and expression of genes for immunologically important molecules such as immunoglobulins, T cell receptors and accessory molecules involved in antigen recognition, processing and presentation. Articles on the molecular biological analysis of immunologically relevant receptor binding sites are also invited. Submitted manuscripts should describe new methods of broad applicability to immunology and not simply the application of an established method to a particular substance.

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Indexes 1992

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Author Index
Volumes 146–155
1992

A

Aase, A., see Michaelsen, T.E. (146) 9

Abe, A., Kitagawa, M., Ikuta, Y., Miyakoshi, S., Danbara, H., Kashiwagi, N. and Obata, F.
Rapid DNA typing utilizing immobilized oligonucleotide probe and a nonradioactive detection system. Application to HLA-DR typing of the Japanese population (154) 205

Abo, T., see Watanabe, H. (146) 145

Aboulker, J.P., Autran, B., Beldjord, K., Touraine, F. and Debre, P.
Consistency of routine measurements of $CD4^+$, $CD8^+$ peripheral blood lymphocytes (154) 155

Abraham, S.J.R., see Thomas, T.E. (154) 245

Agbarakwe, A.E., see Faux, J.A. (153) 167

Agrewala, J.N., see Raghava, G.P.S. (153) 263

Akahane, Y., see Yoshikawa, A. (148) 143

Alam, R., Sim, T.C., Hilsmeier, K. and Grant, J.A.
Development of a new technique for recovery of cytokines from inflammatory sites in situ (155) 25

Alberts, C., see Van de Graaf, E.A. (147) 241

Aldao, M.A.J., see Zalazar, F.E. (152) 1

Alexander, R.B., Bolton, E.S., Koenig, S., Jones, G.M., Topalian, S.L., June, C.H. and Rosenberg, S.A.
Detection of antigen specific T lymphocytes by determination of intracellular calcium concentration using flow cytometry (148) 131

Ali, E., Sengupta, J. and Dhar, T.K.
Sandwich immunoassay of small molecules. I. Investigation with testosterone as model hapten (147) 173

Ali, E., see Dhar, T.K. (147) 167

Ali, E., see Sengupta, J. (147) 181

Allen, C.A., Broom, M.F. and Chadwick, V.S.
Flow cytometry analysis of the expression of neutrophil FMLP receptors (149) 159

Allen, J.N., see Herzyk, D.J. (148) 243

Allmeling, A.-M., see Padovan, C.S. (147) 27

Alverez, R., see Garcia-Peñarrubia, P. (155) 133

Alzani, R., Rossi, R., Cozzi, E., Trizio, D. and Marcucci, F.
Detection of mycoplasma contamination through modulation (stimulation or inhibition) of thymidine incorporation by unstimulated mouse spleen cells (152) 35

Ambo, H., see Katayama, M. (153) 41

Ambrogi, F., see Azzarà, A. (148) 29

Andersen, O., see Holmskov, U. (148) 225

Anderson, R.
A peroxidase-independent method for the quantitation of extracellular hydrogen peroxide generated by activated phagocytes in vitro (155) 49

Andreoni, C. and Delaage, M.
Avidin-binding to peripheral blood B lymphocytes and monocytes (151) 249

Aoki, Y., see Takeda, A. (147) 217

Aparna, K., see Talwar, G.P. (150) 121

Arakere, G., see Herrmann, D.J. (148) 101

Araki, Y., see Katayama, M. (153) 41

Arata, Y., see Kim, H.H. (153) 223

Arnholdt, H., see Rutenfranz, I. (148) 233

Artus, A., see Delaage, M. (150) 103

Asano, Y., see Hu, F.-y. (152) 123

Ashktorab, H., see Gazitt, Y. (148) 159

Athlin, L., see Lundqvist, C. (152) 253

Atzpodien, E., see Baumgärtner, W. (151) 309

Aubonney, N., see Graber, P. (149) 215

Aucouturier, P., see Preud'homme, J.L. (146) 259

Autran, B., see Aboulker, J.P. (154) 155

Avrameas, S.
Amplification systems in immunoenzymatic techniques (150) 23

Axelsen, N., see Dziegiel, M. (155) 207

Axelsson, B., see Jakobson, E. (152) 49

Azzarà, A., Chimenti, M., Azzarelli, L., Fantini, E., Carulli, G. and Ambrogi, F.
An image processing workstation for automatic evaluation of human granulocyte motility (148) 29

Azzarelli, L., see Azzarà, A. (148) 29

B

Bachhawat, B.K., see Paul, A. (148) 151

Bailey, M., Stevens, K., Bland, P.W. and Stokes, C.R.
A monoclonal antibody recognising an epitope associated with pig interleukin-2 receptors (153) 85

Bailey, M., Williams, N.A., Wilson, A.D. and Stokes, C.R.
PROBIT: weighted probit regression analysis for estimation of biological activity (153) 261

Baker, A.E.M., see Ong, G.L. (154) 37

Baker, D.L., see Gibson, U.E.M. (155) 249

Bakker, M.M., see Van de Graaf, E.A. (147) 241

Balaguer, P., see Chikhaoui, Y. (150) 51

Baldo, B.A., see Cooney, S.J. (151) 131

Balkian, G.K., see Walker, K.W. (154) 121

Balkwill, F.R., see Thavasu, P.W. (153) 115

Ballardie, F.W., see De Caestecker, M.P. (154) 11

Balogh, P., Bebök, Z. and Németh, P.
Cellular enzyme-linked immunocircle assay. A rapid assay of hybridomas produced against cell surface antigens (153) 141

Banerjee, K., see Talwar, G.P. (150) 121

Bara, J., Decaens, C., Loridon-Rosa, B. and Oriol, R.
Immunohistological characterization of mucin epitopes by pre-treatment of gastro-intestinal sections with periodic acid (149) 105

Barak, V., see Peritt, D. (155) 159

Barak, V., see Peritt, D. (155) 167

Baralle, F., see Romano, M. (154) 265

Barbet, J., see Delaage, M. (150) 103
Barbieri, L., see Strocchi, P. (155) 57
Bardsley, W.G., Ross Wilson, A., Kyprianou, E.K. and Melikhova, E.M.
A statistical model and computer program to estimate association constants for the binding of fluorescent-labelled monoclonal antibodies to cell surface antigens and to interpret shifts in flow cytometry data resulting from alterations in gene expression (153) 235
Barington, T. and Heilmann, C.
An improved haemolytic plaque assay for the detection of cells secreting antibody to bacterial antigens (146) 129
Barington, T., see Herrmann, D.J. (148) 101
Bártek, J., see Vojtěšek, B. (151) 237
Barth, R.F., see Tzeng, J.-J. (146) 177
Bas, J., see Romeu, M.A. (154) 7
Basi, G.S., Riggs, M.B., Nash, K. and Singer, R.
Antibodies to soluble human T cell receptor β chain recognize multiple epitopes on cell surface TcR (155) 175
Batchelor, J.R., see Zumla, A. (149) 69
Batchelor, R., see Deacock, S. (147) 83
Bauer-Sardina, I., see Tomita, Y. (151) 269
Baumgärtner, W., Atzpodien, E., Weintraut, H. and Seibold, G.
Factors influencing computer-assisted video image analysis of immunocytochemically stained lymphocytes and macrophages in the spleen of mice (151) 309
Baxendale, P.M., see Horton, J.K. (155) 31
Bayney, R.M., see Wunderlich, D. (147) 1
Bean, C.C., see Diamandis, E.P. (147) 251
Bebök, Z., see Balogh, P. (153) 141
Beelen, R.H.J., see Havenith, C.E.G. (153) 73
Behr, J., see Padovan, C.S. (147) 27
Beldjord, K., see Aboulker, J.P. (154) 155
Bell, C.J., see Granade, T.C. (154) 225
Bennett, B., Check, I.J., Olsen, M.R. and Hunter, R.L.
A comparison of commercially available adjuvants for use in research (153) 31
Bennett, S. and Riley, E.M.
The statistical analysis of data from immunoepidemiological studies (146) 229
Bennett, S., Por, S.B., Stanley, E.R. and Breit, S.N.
Monocyte proliferation in a cytokine-free, serum-free system (153) 201
Bennink, J.R., see Eisenlohr, L.C. (154) 131
Berg, L., see Zhou, X. (153) 193
Berger, A.E., see Herzyk, D.J. (148) 243
Berger, P., see Madersbacher, S. (152) 9
Bergh, K. and Iversen, O.-J.
Production of monoclonal antibodies against the human anaphylatoxin C5a des Arg and their application in the neoepitope-specific sandwich-ELISA for the quantification of C5a des Arg in plasma (152) 79
Bernard, S., see Tô, L.-T. (154) 195
Bernhagen, J., see Hamblin, A. (146) 219
Bettinardi, A., Imberti, L., Sottini, A. and Primi, D.
Analysis of amplified T cell receptor Vβ transcripts by a non-isotopic immunoassay (146) 71
Beumer, T., Stoffelen, E., Smits, J. and Carpay, W.
Microplate washing: process description and improvements (154) 77
Beuvery, E.C., see Coco-Martin, J.M. (155) 241
Bevan, L.J., see Walker, M.R. (149) 77
Bignold, L.P., see Rice, J.E. (149) 121
Birkedal-Hansen, H., see Zucker, S. (148) 189
Birkenmeier, G., see Sulk, B. (149) 165
Birrell, G.W., see Devine, P.L. (149) 143
Birx, D.L., see VanCott, T.C. (146) 163
Bitton, G., see Brigmon, R.L. (152) 135
Black, K.S., see Walker, K.W. (154) 121
Blackmore, E.W., see Thomas, T.E. (154) 245
Blanca, M., Mayorga, C., Perez, E., Suau, R., Juarez, C., Vega, J.M., Carmona, M.J., Perez-Estrada, M. and Garcia, J.
Determination of IgE antibodies to the benzyl penicilloyl determinant. A comparison between poly-L-lysine and human serum albumin as carriers (153) 99
Bland, P.W., see Bailey, M. (153) 85
Blaser, K., see D'Uscio, C. (146) 63
Bo, A., see Chiecchio, A. (147) 211
Bobrow, M.N., Litt, G.J., Shaughnessy, K.J., Mayer, P.C. and Conlon, J.
The use of catalyzed reporter deposition as a means of signal amplification in a variety of formats (150) 145
Böcher, M., Giersch, T. and Schmid, R.D.
Dextran, a hapten carrier in immunoassays for *s*-triazines. A comparison with ELISAs based on hapten-protein conjugates (151) 1
Bodmer, J.G., see Sadler, A.M. (149) 11
Boersma, W.J.A., see Claassen, E. (150) 207
Bolton, E.S., see Alexander, R.B. (148) 131
Bonnefoy, J.-Y., see Graber, P. (149) 215
Booth, N.A., see Duncan, M.E. (151) 227
Boraker, D.K., Bugbee, S.J. and Reed, B.A.
Acoustic probe-based ELISA (155) 91
Bord, A., see Carayon, P. (147) 225
Borre, M.B., see Dziegiel, M. (155) 207
Borzì, R.M., Dal Monte, P., Honorati, M.C. and Facchini, A.
IgG subclass distribution of anti-HBs antibodies following vaccination with cDNA HBsAg (146) 17
Bosshard, H.R., see Schwab, C. (147) 125
Bottomly, K., see Carding, S.R. (151) 277
Boussioux, A.-M., see Chikhaoui, Y. (150) 51
Boven, E., see Haisma, H.J. (154) 55
Bowden, S.J., see Ratcliffe, W.A. (146) 33
Bowen, G., see Tomkins, P. (151) 313
Braddy, S., see Morrissey, P.J. (147) 141
Brade, H., see Kuhn, H.-M. (155) 201
Brade, L., see Kuhn, H.-M. (155) 201
Bradford, T.M., see Brooks, D.A. (155) 129
Brändén, H., see Hedman, H. (146) 203
Brandtzaeg, P., see Hvatum, M. (148) 77
Bray, A.M., see Maeji, N.J. (146) 83
Breedijk, A.J., see Havenith, C.E.G. (153) 73
Breit, S.N., see Bennett, S. (153) 201
Breit, S.N., see Ma, J. (155) 121

Brenchley, P.E.C., see Lamb, W.R. (155) 215
Brigmon, R.L., Zam, S.G., Bitton, G. and Farrah, S.R.
Detection of *Salmonella enteritidis* in environmental samples by monoclonal antibody-based ELISA (152) 135
Brooks, D.A., Bradford, T.M. and Hopwood, J.J.
An improved method for the purification of IgG monoclonal antibodies from culture supernatants (155) 129
Broom, M.F., see Allen, C.A. (149) 159
Brossier, P., see Salmain, M. (148) 65
Brossmer, R., see Kemmner, W. (147) 197
Brown, A., see Ekong, T. (151) 217
Brown, C.S., see Herrmann, D.J. (148) 101
Brown, W.R., see Butler, J.E. (150) 77
Bruderer, U., Deusinger, M., Schürch, U. and Lang, A.B.
Analyses of affinity distributions within polyclonal populations of antigen-specific antibodies. Evaluation of their accuracy in population detection using monoclonal antibodies (151) 157
Bruderer, U., see Lang, A.B. (154) 21
Brunink, F., see Coco-Martin, J.M. (155) 241
Bryant, J., Day, R., Whiteside, T.L. and Herberman, R.B.
Calculation of lytic units for the expression of cell-mediated cytotoxicity (146) 91
Buendia, E., see Romeu, M.A. (154) 7
Bugbee, S.J., see Boraker, D.K. (155) 91
Bulmer, J.N., see Rasheed, F.N. (146) 185
Bunn-Moreno, M.M., see De Miranda-Santos, I.K.F. (146) 261
Burrows, S.R., see Suhrbier, A. (148) 265
Butler, I.S., see Salmain, M. (148) 65
Butler, J.E., Ni, L., Nessler, R., Joshi, K.S., Suter, M., Rosenberg, B., Chang, J., Brown, W.R. and Cantarero, L.A.
The physical and functional behavior of capture antibodies adsorbed on polystyrene (150) 77
Butterworth, A.E., see Thorne, K.J.I. (149) 137
Butterworth, A.E., see Thorne, K.J.I. (149) 139
Bystryn, J.-C., see Cui, J. (147) 13

C

Cabrera, L., see Garcia-Peñarrubia, P. (155) 133
Caignault, L., see Rasmussen, A.-M. (146) 195
Callahan, G.N., see Dinchuk, J.E. (155) 257
Campos-Neto, A., see De Miranda-Santos, I.K.F. (146) 261
Cantarero, L.A., see Butler, J.E. (150) 77
Capparelli, R., see Iannelli, D. (154) 211
Carayon, P. and Bord, A.
Identification of DNA-replicating lymphocyte subsets using a new method to label the bromo-deoxyuridine incorporated into the DNA (147) 225
Carding, S.R., Lu, D. and Bottomly, K.
A polymerase chain reaction assay for the detection and quantitation of cytokine gene expression in small numbers of cells (151) 277
Cariani, L., see Gebran, S.J. (151) 255
Carmona, M.J., see Blanca, M. (153) 99
Carpay, W., see Beumer, T. (154) 77
Carulli, G., see Azzarà, A. (148) 29
Casadevall, A., Mukherjee, J. and Scharff, M.D.
Monoclonal antibody based ELISAs for cryptococcal polysaccharide (154) 27
Casado, J.A., see Merino, J. (153) 151
Casale, T.B., see Erger, R.A. (152) 115
Case, R., see Saha, K. (151) 307
Castell, L.M.
Separation of peripheral blood lymphocytes with low platelet and erythrocyte contamination, using ADP aggregation (146) 49
Cease, K.B., see Kaldjian, E.P. (147) 189
Chadwick, V.S., see Allen, C.A. (149) 159
Chalifour, R.J., Michon, F., Jennings, H.J. and Lacroix, M.
Use of defined oligosaccharide epitopes in an ELISA for group B streptococcus (154) 69
Chang, J., see Butler, J.E. (150) 77
Chang, L., see Gazitt, Y. (148) 159
Chapel, H.M., see Faux, J.A. (153) 167
Chapman, C.B., see Kachab, E.H. (147) 33
Chapman, V., Fletcher, S.M. and Jones, M.N.
Freeze-thaw effects on the detection of blood group substances in detergent extracts by enzyme-linked immunosorbent assays (ELISA) (149) 147
Check, I.J., see Bennett, B. (153) 31
Chen, A.B., see Gibson, U.E.M. (155) 249
Chen, G.-H., see Kaldjian, E.P. (147) 189
Chen, S.-L., see Ma, J. (155) 121
Chesterman, C.N., see Khachigian, L.M. (149) 267
Chevailler, A., Noel, L.H., Renier, G., Gardembas-Pain, M., Subra, J.F., Nusbaum, P., Hurez, D. and Lesavre, P.
Determination of anti-neutrophil cytoplasm antibodies (ANCA) specificity by immunofluorescence on chronic myelocytic leukemia cells (147) 101
Chiabrando, G.A., see Zalazar, F.E. (152) 1
Chiecchio, A., Giglioli, F., Malvano, R., Ringhini, R., Manzone, P. and Bo, A.
The imprecision profile in immunoassay. A study using a resampling technique (147) 211
Chikanza, I.C., Corrigal, V., Kingsley, G. and Panayi, G.S.
Enumeration of interleukin-1 alpha and beta producing cells by flow cytometry (154) 173
Chikhaoui, Y., Balaguer, P., Terouanne, B., Boussioux, A.-M. and Nicolas, J.-C.
A multiple luminescent procedure for the detection of different papillomaviruses on dot blots (150) 51
Chimenti, M., see Azzarà, A. (148) 29
Cho, S.-O., see McCune, C. (155) 267
Christensson, B., see Islam, K.B. (154) 163
Christopoulos, T.K., see Diamandis, E.P. (147) 251
Cid, J., see Merino, J. (153) 151

Claassen, E., Gerritse, K., Laman, J.D. and Boersma, W.J.A.
New immunoenzyme-cytochemical stainings for the in situ detection of epitope specificity and isotype of antibody forming B cells in experimental and natural (auto)immune responses in animals and man (150) 207
Claassen, E.
Post-formation fluorescent labelling of liposomal membranes. In vivo detection, localisation and kinetics (147) 231
Claassen, E., see Van Rooijen, N. (151) 149
Clancy, R.L., see Taylor, D.C. (146) 55
Clem, L.W., see Pascual, D.W. (146) 249
Clift, R., see Godfrey, M.A.J. (149) 21
Coco-Martin, J.M., Brunink, F., Van der Velden-de Groot, T.A.M. and Beuvery, E.C.
Analysis of glycoforms present in two mouse IgG2a monoclonal antibody preparations (155) 241
Cohen, R.J., see Gazitt, Y. (148) 159
Collins, M.K.L., see Ormerod, M.G. (153) 57
Collins, M.K.L., see Porter, C.D. (155) 151
Coloma, M.J., Hastings, A., Wims, L.A. and Morrison, S.L.
Novel vectors for the expression of antibody molecules using variable regions generated by polymerase chain reaction (152) 89
Compiano, J.M., see Delaage, M. (150) 103
Conlon, J., see Bobrow, M.N. (150) 145
Conroy, L., see De Boer, M. (152) 15
Cooney, S.J., Smal, M.A. and Baldo, B.A.
Measurement of PAF in blood by radioimmunoassay. Examination of interfering factors and problems involved in accurate quantification (151) 131
Cooper, K., see Tomkins, P. (151) 313
Corominas, M., see Romeu, M.A. (154) 7
Corradin, G., see Widmann, C. (155) 95
Correa, I., see Lenstra, J.A. (152) 149
Corrigal, V., see Chikanza, I.C. (154) 173
Cox, J.C., Moisidis, A.V., Shepherd, J.M., Drane, D.P. and Jones, S.L.
A novel format for a rapid sandwich EIA and its application to the identification of snake venoms (146) 213
Cox, J.C., see Jones, S.L. (155) 233
Coyle, P.V., Wyatt, D., McCaughey, C. and O'Neill, H.J.
A simple standardised protocol for the production of monoclonal antibodies against viral and bacterial antigens (153) 81
Cozzi, E., see Alzani, R. (152) 35
Crawford-Sharpe, G.C., see Harris, J.F. (148) 199
Crimando, J. and Hoffman, S.A.
Detection of brain-reactive autoantibodies in the sera of autoimmune mice using ELISA (149) 87
Cripps, A.W., see Taylor, D.C. (146) 55
Cronan, Jr., J.E., see Munford, R.S. (148) 115
Cross, A.M., see McLean, G.W. (155) 113
Cui, J. and Bystryn, J.-C.
An improved europium release assay for complement-mediated cytolysis (147) 13
Cunningham-Rundles, C., Zhuo, Z., Griffith, B. and Keenan, J.
Biological activities of polyethylene-glycol immunoglobulin conjugates. Resistance to enzymatic degradation (152) 177
Curtis, P.J., see Nesbit, M. (151) 201
Cushing, A., see Horton, J.K. (155) 31
Custer, M., see Hwu, P. (151) 139
Cybinski, D.H., see Zakrzewski, H. (151) 289
Czerkinsky, C., see Eriksson, K. (153) 107
Czerkinsky, C., see Sedgwick, J.D. (150) 159

D

Dal Monte, P., see Borzì, R.M. (146) 17
Damjanov, I., see Thakur, M.L. (152) 209
Danbara, H., see Abe, A. (154) 205
Daniels, J., see Walker, M.R. (149) 77
Danve, B., see Herrmann, D.J. (148) 101
Davies, D.H., see Murphy, J.F. (154) 89
Day, N.K., see Tomita, Y. (151) 269
Day, R., see Bryant, J. (146) 91
Deacock, S., Schwarer, A., Batchelor, R., Goldman, J. and Lechler, R.
A rapid limiting dilution assay for measuring frequencies of alloreactive, interleukin-2-producing T cells in humans (147) 83
Dealtry, G.B., see Swann, I.D. (152) 245
De Boer, M., Conroy, L., Min, H.Y. and Kwekkeboom, J.
Generation of monoclonal antibodies to human lymphocyte cell surface antigens using insect cells expressing recombinant proteins (152) 15
De Boer, M., see Wiemer, E.A.C. (151) 165
Debre, P., see Aboulker, J.P. (154) 155
De Bruijn, M.L.H., see Ossevoort, M.A. (155) 101
Decaens, C., see Bara, J. (149) 105
De Caestecker, M.P., Telfer, B.A., Hutchinson, I.V. and Ballardie, F.W.
The detection of intracytoplasmic interleukin-1α, interleukin-1β and tumour necrosis factor α expression in human monocytes using two colour immunofluorescence flow cytometry (154) 11
Deeb, B.J., DiGiacomo, R.F., Kunz, L.L. and Stewart, J.L.
Comparison of Freund's and Ribi adjuvants for inducing antibodies to the synthetic antigen (TG)-AL in rabbits (152) 105
Deelder, A.M., see Gundersen, S.G. (148) 1
DeFulvio, J., see Thakur, M.L. (152) 209
De Jonge, N., see Gundersen, S.G. (148) 1
Deka, N., see Talwar, G.P. (150) 121

Delaage, M., Compiano, J.M., Barbet, J., Artus, A. and Prince, P.
Statistical properties of immunoanalytic system (150) 103
Delaage, M., see Andreoni, C. (151) 249
De Leij, L., see Schilizzi, B.M. (153) 49
DeMaria, M.A., see Hardin, J.A. (154) 99
Demedts, P., see Ntakarutimana, V. (153) 133
De Miranda-Santos, I.K.F., Mengel Junior, J.O., Bunn-Moreno, M.M. and Campos-Neto, A.
Reply to the letter of J.L. Preud'homme et al. (146) 261
DeRocquigny, H., see Germani, Y. (146) 25
Deusinger, M., see Bruderer, U. (151) 157
DeVeaux, L.C., see Munford, R.S. (148) 115
Devine, P.L. and Birrell, G.W.
A method for screening large numbers of samples on immunoblots (149) 143
Dhar, T.K. and Ali, E.
Direct microtitre plate enzyme immunoassay of testosterone in unextracted serum (147) 167
Dhar, T.K., see Ali, E. (147) 173
Dhar, T.K., see Sengupta, J. (147) 181
Diamandis, E.P., Christopoulos, T.K. and Bean, C.C.
Quantitative Western blot analysis and spot immunodetection using time-resolved fluorometry (147) 251
DiGiacomo, R.F., see Deeb, B.J. (152) 105
Dimitrov, D.G., Sedlák, R., Nouza, K. and Kinský, R.
A quantitative objective method for the evaluation of anti-sperm cell-mediated immunity in humans (154) 147
Dinarello, C.A.
ELISA kits based on monoclonal antibodies do not measure total IL-1β synthesis (148) 255
Dinchuk, J.E., Kelley, K.A. and Callahan, G.N.
Flow cytometric analysis of transport activity in lymphocytes electroporated with a fluorescent organic anion dye (155) 257
Di Stefano, G., see Provinciali, M. (155) 19
Dowdle, E.B., see Veenstra, H. (146) 257
Drane, D.P., see Cox, J.C. (146) 213
Drexler, H.G., see Uphoff, C.C. (149) 43
Drexler, H.G., see Uphoff, C.C. (149) 55
Dri, P., see Romano, M. (154) 265
Driscoll, D.P., see Sturmer, A.M. (146) 105
Druet, P.
Diagnosis of autoimmune diseases (150) 177
Duncan, M.E., McAleese, S.M., Booth, N.A., Melvin, W.T. and Fothergill, J.E.
A simple enzyme-linked immunosorbent assay (ELISA) for the neuron-specific γ isozyme of human enolase (NSE) using monoclonal antibodies raised against synthetic peptides corresponding to isozyme sequence differences (151) 227
Durrant, L.G.
A rapid method for separating tumour infiltrating cells and tumour cells from colorectal tumours (147) 57
D'Uscio, C. and Blaser, K.
Establishment of anti-human neuroblastoma-selective isotype-switch variants (146) 63
Dyrberg, T., see Petersen, J.S. (151) 15
Dziegiel, M., Borre, M.B., Petersen, E., Högh, B., Jepsen, S., Vuust, J. and Axelsen, N.
Capture ELISA for IgM antibodies against *Plasmodium falciparum* glutamate rich protein (155) 207

E

Economou, M., Papadopoulos, G.K., Seferiadis, K., Heimer, E.P., Felix, A.M. and Tsolas, O.
A sensitive and specific competition microELISA for the immunoactive polypeptide parathymosin and detection of this peptide in porcine tissues (148) 87
Edberg, J.C. and Kimberly, R.P.
Receptor specific probes for the study of Fcγ receptor specific function (148) 179
Eeftinck Schattenkerk, J.-K.M., see Van de Graaf, E.A. (147) 241
Ego, E., see Schuh, R. (152) 59
Ehlers, M., see Grunwald, U. (155) 225
Eisenbach, L., see Katz, A. (149) 255
Eisenlohr, L.C., Yewdell, J.W. and Bennink, J.R.
A transient transfection system for identifying biosynthesized proteins processed and presented to class I MHC restricted T lymphocytes (154) 131
Eiskjær, H., see Ingwersen, S.H. (149) 237
Ekong, T., Hill, A.M., Gompels, M., Brown, A. and Pinching, A.J.
The effect of the temperature and duration of sample storage on the measurement of lymphocyte subpopulations from HIV-1-positive and control subjects (151) 217
Emly, J., see Ratcliffe, W.A. (146) 33
Engel, W.D. and Khanna, P.L.
CEDIA in vitro diagnostics with a novel homogeneous immunoassay technique. Current status and future prospects (150) 99
Engelman, R.W., see Tomita, Y. (151) 269
Enjuanes, L., see Lenstra, J.A. (152) 149
Erdos, G.W., see Gazitt, Y. (148) 159
Erger, R.A. and Casale, T.B.
Comparison of methodologies to measure human lung histamine (152) 115
Eriksson, K., Nordström, I., Horal, P., Jeansson, S., Svennerholm, B., Vahlne, A., Holmgren, J. and Czerkinsky, C.
Amplified ELISPOT assay for the detection of HIV-specific antibody-secreting cells in subhuman primates (153) 107
Erikstein, B.K., see Rasmussen, A.-M. (146) 195
Erkens, J.H.F., see Lenstra, J.A. (152) 149
Evangelatos, G.P., see Livaniou, E. (148) 9
Evin, G., see Khachigian, L.M. (149) 267

F

Faarup, P., see Ingwersen, S.H. (149) 237
Fabris, N., see Provinciali, M. (155) 19
Facchini, A., see Borzì, R.M. (146) 17
Facchini, A., see Vitale, M. (149) 189
Fantini, E., see Azzarà, A. (148) 29
Farrah, S.R., see Brigmon, R.L. (152) 135
Faux, J.A., Agbarakwe, A.E., Misbah, S.A. and Chapel, H.M.
A comparison of specific IgG antibody levels to the cell wall mannan of *Candida albicans* in normal individuals and in patients with primary antibody deficiency (153) 167
Feldman, M., see Katz, A. (149) 255
Felix, A.M., see Economou, M. (148) 87
Fernan, A., see Suhrbier, A. (148) 265
Fernando, S.A. and Wilson, G.S.
Multiple epitope interactions in the two-step sandwich immunoassay (151) 67
Fernando, S.A. and Wilson, G.S.
Studies of the 'hook' effect in the one-step sandwich immunoassay (151) 47
Fernando, S.A., Sportsman, J.R. and Wilson, G.S.
Studies of the low dose 'hook' effect in a competitive homogeneous immunoassay (151) 27
Fernie, B.A., see Hobart, M.J. (153) 93
Ferrara, L., see Iannelli, D. (154) 211
Ferrara, S., see Storek, J. (151) 261
Ferrer-Di Martino, M., see Lalmanach, G. (149) 197
Ferrua, B., see Nordström, I. (150) 199
Festin, R.
Differential membrane labelling of human lymphocyte subsets by PKH-2 examined by multiparameter flow cytometry. A possible correlation between lipid composition of cellular membranes and functional properties? (154) 47
Figdor, C.G., see Ossevoort, M.A. (155) 101
Figenschau, K.J., see Gundersen, S.G. (148) 1
Finkelstein, G.L., see Linden, J. (151) 209
Fjeld, J.G. and Skretting, A.
Evaluation of labelled monoclonal antibodies by simultaneous estimation of the association constant, the immunoreactive fraction, and the number of effective binding sites on the specific target (151) 97
Flechner, I., see Peritt, D. (155) 159
Flechner, I., see Peritt, D. (155) 167
Fleit, H.B., see Salcedo, T.W. (148) 209
Fletcher, S.M., see Chapman, V. (149) 147
Flores, K.M., see Walker, K.W. (154) 121
Flye, M.W., see Roland, C.R. (154) 139
Folch, H., see Ojeda, F. (152) 171
Fonteneau, P., see Giaimis, J. (154) 185
Fothergill, J.E., see Duncan, M.E. (151) 227
Fountoulakis, M., see Ozmen, L. (147) 261
Fracasso, R.P., see Wunderlich, D. (147) 1
Frasch, C.E., see Herrmann, D.J. (148) 101
Freund, J., see Hammerl, P. (151) 299
Fu, Z.F., see Nesbit, M. (151) 201
Fukada, M., see Takahashi, K. (153) 67
Funderud, S., see Rasmussen, A.-M. (146) 195
Fung, M.-C., Mak, N.-K., Leung, K.-N. and Hapel, A.J.
Distinguishing between mouse IL-3 and IL-3 receptor-like (IL-5/GM-CSF receptor converter) mRNAs using the polymerase chain reaction method (149) 97
Furutani-Seiki, M., see Hu, F.-y. (152) 123

G

Galili, U., Ron, M. and Sharon, R.
The natural anti-α-galactosyl IgG in seminal fluid. A simple means to determine damage to the blood-genital tract barrier in infertile males (151) 117
Galvez, J., see Garcia-Peñarrubia, P. (155) 133
Garcia, J., see Blanca, M. (153) 99
Garcia-Peñarrubia, P., Cabrera, L., Alverez, R. and Galvez, J.
Effector-target interactions: saturability, affinity and binding isotherms. A study of such interactions in the human NK cell-K562 tumour cell system (155) 133
Gardembas-Pain, M., see Chevailler, A. (147) 101
Garotta, G., see Ozmen, L. (147) 261
Gauthier, F., see Lalmanach, G. (149) 197
Gazitt, Y., He, Y.J. and Graham-Pole, J.
A novel methodology for the establishment of neuroblastoma cell lines from metastatic marrow. Expression of surface markers, neurofilaments, MDR-1 and *myc* proteins (148) 171
Gazitt, Y., He, Y.J., Erdos, G.W., Chang, L., Ashktorab, H. and Cohen, R.J.
Development of a two color immunofluorescence stain and immunolocalization method for N-*myc* and c-*myc* oncoproteins with a newly generated mouse IgM anti N-*myc* antibody (148) 159
Gebauer, F., see Lenstra, J.A. (152) 149
Gebran, S.J., Romano, E.L., Pons, H.A., Cariani, L. and Soyano, A.N.
A modified colorimetric method for the measurement of phagocytosis and antibody-dependent cell cytotoxicity using 2,7-diaminofluorene (151) 255
Gee, J., see Jasani, B. (150) 193
George, J.R., see Granade, T.C. (154) 225
Gerlach, J.T., see Padovan, C.S. (147) 27
Germani, Y., DeRocquigny, H. and Guesdon, J.L.
Escherichia coli heat-stable enterotoxin (STa)-biotin conjugates for the titration of STa antisera by an enzyme-linked immunosorbent assay (146) 25
Gerritse, K., see Claassen, E. (150) 207
Gerth, R., see Madersbacher, S. (152) 9
Geysen, H.M., see Maeji, N.J. (146) 83

Ghosh, P.C., see Paul, A. (148) 151
Ghosh, S., see Talwar, G.P. (150) 121
Giaimis, J., Lombard, Y., Makaya-Kumba, M., Fonteneau, P. and Poindron, P.
A new and simple method for studying the binding and ingestion steps in the phagocytosis of yeasts (154) 185
Gibson, U.E.M., Chen, A.B., Baker, D.L. and Sinicropi, D.V.
An antibody capture bioassay (ACB) for DNase in human serum samples (155) 249
Giersch, T., see Böcher, M. (151) 1
Giglioli, F., see Chiecchio, A. (147) 211
Gignac, S.M., see Uphoff, C.C. (149) 43
Gignac, S.M., see Uphoff, C.C. (149) 55
Goddard, R.H., see McCune, C. (155) 267
Godfrey, M.A.J., Kwasowski, P., Clift, R. and Marks, V.
A sensitive enzyme-linked immunosorbent assay (ELISA) for the detection of staphylococcal protein A (SpA) present as a trace contaminant of murine immunoglobulins purified on immobilized protein A (149) 21
Goldman, J., see Deacock, S. (147) 83
Goldsby, R.A., see Ravichandran, K.S. (153) 249
Golombek, M., see Goppelt-Struebe, M. (151) 245
Gompels, M., see Ekong, T. (151) 217
Gonatas, J.O., see Gonatas, N.K. (150) 185
Gonatas, N.K., Gonatas, J.O. and Stieber, A.
Contributions of peroxidase immunocytochemistry in the ultrastructural detection of membrane bound antigens (150) 185
González, L., see Romeu, M.A. (154) 7
Good, R.A., see Tomita, Y. (151) 269
Gooding, R., see Riches, P. (153) 125
Goppelt-Struebe, M. and Golombek, M.
Fluorometric determination of the DNA content of cells cultured in tissue culture plates (151) 245
Gordon, T.P., see Xu, H.J. (146) 241
Graber, P., Jansen, K., Pochon, S., Shields, J., Aubonney, N., Turcatti, G. and Bonnefoy, J.-Y.
Purification and characterization of biologically active human recombinant 37 kDa soluble CD23 (sFcϵRII) expressed in insect cells (149) 215
Graham-Pole, J., see Gazitt, Y. (148) 171
Graham, S., see Marsden, H.S. (147) 65
Granade, T.C., Phillips, S.K., Bell, C.J., Pau, C.-P., Parekh, B., Hannon, W.H., Gwinn, M., Redus, M.A., Schochetman, G. and George, J.R.
Factors influencing HIV-1 banding patterns in miniaturized Western blot testing of dried blood spot specimens (154) 225
Grant, J.A., see Alam, R. (155) 25
Greenbaum, C.J., see Hegewald, M.J. (154) 61
Greenwood, B.M., see Rasheed, F.N. (146) 185
Gribnau, T.C.J., see Van Erp, R. (152) 191
Griffith, B., see Cunningham-Rundles, C. (152) 177
Groscurth, P., see Vollenweider, I. (149) 133
Grunwald, U., Krüger, C., Westermann, J., Lukowsky, A., Ehlers, M. and Schütt, C.
An enzyme-linked immunosorbent assay for the quantification of solubilized CD14 in biological fluids (155) 225
Gualde, N., see Preud'homme, J.L. (146) 259
Guarda, M.I., see Ojeda, F. (152) 171
Guenther, M.M., see Rodgers, J.R. (152) 159
Guesdon, J.-L.
Immunoenzymatic techniques applied to the specific detection of nucleic acids. A review (150) 33
Guesdon, J.L., see Germani, Y. (146) 25
Gundersen, S.G., Haagensen, I., Jonassen, T.O., Figenschau, K.J., De Jonge, N. and Deelder, A.M.
Magnetic bead antigen capture enzyme-linked immunoassay in microtitre trays for rapid detection of schistosomal circulating anodic antigen (148) 1
Gupta, S.K., see Talwar, G.P. (150) 121
Gurfinkel, M., see Zucker, S. (148) 189
Gwinn, M., see Granade, T.C. (154) 225

H

Haagensen, I., see Gundersen, S.G. (148) 1
Haas, H., see Holmskov, U. (148) 225
Hadding, U., see Kamla, V. (147) 73
Haisma, H.J., Pinedo, H.M., Silva, C.A. and Boven, E
Determination of the immunoreactive fraction of radiolabeled monoclonal antibodies directed against intracellular antigens (154) 55
Hallett, M.B., see Jiang, W.G. (152) 201
Halperin, T., see Peritt, D. (155) 159
Halperin, T., see Peritt, D. (155) 167
Hamblin, A., Taylor, M., Bernhagen, J., Shakoor, Z., Mayall, S., Noble, G. and McCarthy, D.
A method of preparing blood leucocytes for flow cytometry which prevents upregulation of leucocyte integrins (146) 219
Hamilton, R.G., see Herrmann, D.J. (148) 101
Hammarström, L., see Islam, K.B. (154) 163
Hammarström, M.-L., see Lundqvist, C. (152) 253
Hammarström, S., see Lundqvist, C. (152) 253
Hammerl, P., Hartl, A., Freund, J. and Thalhamer, J.
A method for the detection of serologically crossreacting antigens both within and between protein mixtures: the Western cross blot (151) 299
Handa, M., see Katayama, M. (153) 41
Hannon, W.H., see Granade, T.C. (154) 225
Hapel, A.J., see Fung, M.-C. (149) 97
Hara, M., see Ishizuka, T. (153) 213
Harcourt, G., see Hawke, S. (155) 41
Hardin, J.A., Sherr, D.H., DeMaria, M.A. and Lopez, P.A.
A simple fluorescence method for surface antigen phenotyping of lymphocytes undergoing DNA fragmentation (154) 99
Harigai, M., see Ishizuka, T. (153) 213

Haritos, A., see Livaniou, E. (148) 9
Harris, J.F., Hawley, R.G., Hawley, T.S. and Crawford-Sharpe, G.C.
Increased frequency of both total and specific monoclonal antibody producing hybridomas using a fusion partner that constitutively expresses recombinant IL-6 (148) 199
Hartl, A., see Hammerl, P. (151) 299
Hassan-King, M., see Rasheed, F.N. (146) 185
Hastings, A., see Coloma, M.J. (152) 89
Haugland, R.P., see Huang, Z. (149) 261
Havenith, C.E.G., Breedijk, A.J., Verdaasdonk, M.A.M., Kamperdijk, E.W.A. and Beelen, R.H.J.
An improved and rapid method for the isolation of rat lymph node or spleen T lymphocytes for T cell proliferation assays (153) 73
Hawke, S., Willcox, N., Harcourt, G., Vincent, A. and Newsom-Davis, J.
Stimulation of human T cells by sparse antigens captured on immunomagnetic particles (155) 41
Hawley, R.G., see Harris, J.F. (148) 199
Hawley, T.S., see Harris, J.F. (148) 199
Hay, A.J., see Mahmood, N. (151) 9
Hay, F.C., see Manyonda, I.T. (149) 1
He, Y.J., see Gazitt, Y. (148) 159
He, Y.J., see Gazitt, Y. (148) 171
Hedman, H., Brändén, H. and Lundgren, E.
Physical separation of ICAM-1 binding cells (146) 203
Hegewald, M.J., Schoenfeld, S.L., McCulloch, D.K., Greenbaum, C.J., Klaff, L.J. and Palmer, J.P.
Increased specificity and sensitivity of insulin antibody measurements in autoimmune thyroid disease and type I diabetes (154) 61
Heilmann, C., see Barington, T. (146) 129
Heimer, E.P., see Economou, M. (148) 87
Heinicke, E., Kumar, U. and Munoz, D.G.
Quantitative dot-blot assay for proteins using enhanced chemiluminescence (152) 227
Hemmilä, I., see Suonpää, M. (149) 247
Henrich, B., see Kamla, V. (147) 73
Hentges, R., see Sharief, M.K. (147) 51
Henwick, S., Hetherington, S.V. and Hostetter, M.K.
Specificity of three anti-complement factor 3 monoclonal antibodies (153) 173
Herberman, R.B., see Bryant, J. (146) 91
Herlyn, D., see Kasai, Y. (155) 77
Herrmann, D.J., Hamilton, R.G., Barington, T., Frasch, C.E., Arakere, G., Mäkelä, O., Mitchell, L.A., Nagel, J., Rijkers, G.T., Zegers, B., Danve, B., Ward, J.I. and Brown, C.S.
Quantitation of human IgG subclass antibodies to *Haemophilus influenzae* type b capsular polysaccharide. Results of an international collaborative study using enzyme immunoassay methodology (148) 101
Herzyk, D.J., Berger, A.E., Allen, J.N. and Wewers, M.D.
Sandwich ELISA formats designed to detect 17 kDa IL-1β significantly underestimate 35 kDa IL-1β (148) 243
Hetherington, S.V., see Henwick, S. (153) 173
Hewitt, C.W., see Walker, K.W. (154) 121
Heyes, J.M., see Sadler, A.M. (149) 11
Heyman, B., see Michaelsen, T.E. (146) 9
Heynen, C.A. and Holzer, T.J.
Evaluation of a flow cytometric model for monitoring HIV antigen expression in vitro (152) 25
Hidaka, T., see Ishizuka, T. (153) 213
Higuchi, A., see Kim, H.H. (153) 223
Hill, A.M., see Ekong, T. (151) 217
Hilsmeier, K., see Alam, R. (155) 25
Hirai, S., see Katayama, M. (153) 41
Hirata, K., see Wada, Y. (154) 235
Hoare, J.A. and Trees, A.J.
Comparison of selected protocols for the generation of IgA isotype monoclonal antibodies against the gut parasite, *Eimeria tenella* (153) 161
Hobart, M.J., Fernie, B.A. and Lachmann, P.J.
A cleavable biotinylating agent and its use in protein electroblots (153) 93
Hoebeke, J., see Lalmanach, G. (149) 197
Hoffman, S.A., see Crimando, J. (149) 87
Högh, B., see Dziegiel, M. (155) 207
Holmgren, J., see Eriksson, K. (153) 107
Holmskov, U., Haas, H., Teisner, B., Andersen, O. and Jensenius, J.C.
Calcium-dependent and calcium-independent signals in the conglutinin-binding assay (KgBa) for immune complexes. Influence of anti-collagen-antibodies (148) 225
Holzer, T.J., see Heynen, C.A. (152) 25
Honma, Y., see Ohmori, H. (147) 119
Honorati, M.C., see Borzì, R.M. (146) 17
Hopwood, J.J., see Brooks, D.A. (155) 129
Horal, P., see Eriksson, K. (153) 107
Horton, J.K., Martin, R.C., Kalinka, S., Cushing, A., Kitcher, J.P., O'Sullivan, M.J. and Baxendale, P.M.
Enzyme immunoassays for the estimation of adenosine 3′,5′ cyclic monophosphate and guanosine 3′,5′ cyclic monophosphate in biological fluids (155) 31
Hostetter, M.K., see Henwick, S. (153) 173
Howard, C.R., see Okawa, Y. (149) 127
Høyer, P.E., see Marshall, M.O. (149) 63
Hu, F.-y., Asano, Y., Sano, K., Inoue, T., Furutani-Seiki, M. and Tada, T.
Establishment of stable $CD8^+$ suppressor T cell clones and the analysis of their suppressive function (152) 123
Hu, Y., see Tie, F. (149) 115
Hu, Z.-Q., Yoshida, T. and Shimamura, T.
Induction and identification of mast cells from long-term culture of mouse spleen cells without conditioned medium (149) 173
Huang, L., see Nair, S. (152) 237
Huang, Z., Olson, N.A., You, W. and Haugland, R.P.
A sensitive competitive ELISA for 2,4-dinitrophenol using 3,6-fluorescein diphosphate as a fluorogenic substrate (149) 261
Hudecz, F. and Price, M.R.
Monoclonal antibody binding to peptide epitopes conjugated to synthetic branched chain polypeptide carriers. Influence of the carrier upon antibody recognition (147) 201

Hughes, S., see Ratcliffe, W.A. (146) 33
Huisman, J.G., see Veldhoven, C.H.A. (151) 177
Hundhausen, T., Laus, R. and Müller-Ruchholtz, W.
New parental cell lines for generating human hybridomas (153) 21
Hunter, R.L., see Bennett, B. (153) 31
Hurez, D., see Chevailler, A. (147) 101
Hutchinson, I.V., see De Caestecker, M.P. (154) 11
Hvatum, M., Scott, H. and Brandtzaeg, P.
Pitfalls in determining IgG and IgG-subclass antibodies to food antigens (148) 77
Hwu, P., Schwarz, S., Custer, M., Smith, C.A., Mulé, J.J. and Rosenberg, S.A.
Use of soluble recombinant TNF receptor to improve detection of TNF secretion in cultures of tumor infiltrating lymphocytes (151) 139

I

Iannelli, D., Capparelli, R., Scala, F. and Ferrara, L.
Isolation of mouse Lyt2$^-$ mutant cells using magnetic particles (154) 211
Iino, S., see Maruyama, T. (155) 65
Ikarashi, Y., see Watanabe, H. (146) 145
Ikeda, H., see Wada, Y. (154) 235
Ikeda, K.W.Y., see Katayama, M. (153) 41
Ikegami, H., see Ogata, A. (148) 15
Ikuta, Y., see Abe, A. (154) 205
Imberti, L., see Bettinardi, A. (146) 71
Ingwersen, S.H., Jørgensen, P.N., Eiskjær, H., Langeland Johansen, N., Madsen, K. and Faarup, P.
Superiority of sandwich ELISA over competitive RIA for the estimation of ANP-270, an analogue of human atrial natriuretic factor (149) 237
Inoue, T., see Hu, F.-y. (152) 123
Ishizuka, T., Kawagoe, M., Suzuki, K., Hara, M., Harigai, M., Kawakami, M., Kawaguchi, Y., Hidaka, T., Matsuki, Y., Tanaka, N., Kitani, A. and Nakamura, H.
An ultrasensitive system to detect IL-4: enzyme-linked immunosorbent assay (ELISA) combined with an avidin-biotin and enzyme amplification system (153) 213
Islam, K.B., Christensson, B., Hammarström, L. and Smith, C.I.E.
Analysis of human IgA subclasses by in situ hybridization and combined in situ hybridization/immunohistochemistry (154) 163
Ivanov, V.S., Suvorova, Z.K., Tchikin, L.D., Kozhich, A.T. and Ivanov, V.T.
Effective method for synthetic peptide immobilization that increases the sensitivity and specificity of ELISA procedures (153) 229
Ivanov, V.T., see Ivanov, V.S. (153) 229
Iversen, O.-J., see Bergh, K. (152) 79

J

Jackson-Matthews, D.E., see Sturmer, A.M. (146) 105
Jain, R.K., see Kaufman, E.N. (155) 1
Jakobson, E., Axelsson, B. and Paulie, S.
Agonistic properties of anti-B cell antibodies purified on staphylococcal protein A may be due to contaminating protein A (152) 49
Jansen, H.M., see Van de Graaf, E.A. (147) 241
Jansen, K., see Graber, P. (149) 215
Jaouen, G., see Salmain, M. (148) 65
Jasani, B., Thomas, N.D., Navabi, H., Millar, D.M., Newman, G.R., Gee, J. and Williams, E.D.
Dinitrophenyl (DNP) hapten sandwich staining (DHSS) procedure. A 10 year review of its principle reagents and applications (150) 193
Jawla, M.F.B., see Rasheed, F.N. (146) 185
Jeansson, S., see Eriksson, K. (153) 107
Jenkins, S.H.
Homogeneous enzyme immunoassay (150) 91
Jennings, H.J., see Chalifour, R.J. (154) 69
Jensenius, J.C., see Holmskov, U. (148) 225
Jepsen, S., see Dziegiel, M. (155) 207
Jeurissen, S.H.M., see Vervelde, L. (151) 191
Jiang, W.G., Puntis, M.C.A. and Hallett, M.B.
U937 cells stimulated with opsonised zymozan particles provide a convenient laboratory source of tumour necrosis factor α (152) 201
Jiang, X.P., see Macey, M.G. (149) 37
Jiao, H., Soejima, Y., Ohe, Y. and Saijo, N.
A new MTT assay for examining the cytotoxicity of activated macrophages towards the non-adherent P388 leukaemia cell line (153) 265
Joel, S.P., see Thavasu, P.W. (153) 115
John, E., see Thakur, M.L. (152) 209
Jonassen, T.O., see Gundersen, S.G. (148) 1
Jondal, M., see Zhou, X. (153) 193
Jones, G.M., see Alexander, R.B. (148) 131
Jones, M.N., see Chapman, V. (149) 147
Jones, S.L., Cox, J.C., Shepherd, J.M., Rothel, J.S., Wood, P.R. and Radford, A.J.
Removal of false-positive reactions from plasma in an enzyme immunoassay for bovine interferon-γ (155) 233
Jones, S.L., see Cox, J.C. (146) 213
Jørgensen, P.N., see Ingwersen, S.H. (149) 237
Joshi, A.K., see Raghava, G.P.S. (153) 263
Joshi, K.S., see Butler, J.E. (150) 77
Jost, L.M., Kirkwood, J.M. and Whiteside, T.L.
Improved short- and long-term XTT-based colorimetric

cellular cytotoxicity assay for melanoma and other tumor cells (147) 153
Juarez, C., see Blanca, M. (153) 99
June, C.H., see Alexander, R.B. (148) 131

K

Kabelitz, D., see Pechhold, K. (147) 135
Kachab, E.H., Wu, W.-Y. and Chapman, C.B.
The development of an enzyme-linked immunosorbent assay (ELISA) for cephalexin (147) 33
Kaldjian, E.P., Chen, G.-H. and Cease, K.B.
Enhancement of lymphocyte proliferation assays by use of serum-free medium (147) 189
Kalinka, S., see Horton, J.K. (155) 31
Kamla, V., Henrich, B. and Hadding, U.
Species differentiation of mycoplasmas by EF-Tu specific monoclonal antibodies (147) 73
Kamperdijk, E.W.A., see Havenith, C.E.G. (153) 73
Kang, T.L., see Misso, N.L.A. (149) 183
Karol, M.H., see Ruppel-Kerr, R. (154) 179
Kasahara, T., see Ko, Y.-c. (149) 227
Kasai, Y., Herlyn, D., Sperlagh, M., Maruyama, H., Matsushita, S. and Linnenbach, A.J.
Molecular cloning of murine monoclonal anti-idiotypic Fab (155) 77
Kashiwagi, N., see Abe, A. (154) 205
Kast, W.M., see Ossevoort, M.A. (155) 101
Katayama, M., Handa, M., Ambo, H., Araki, Y., Hirai, S., Kato, I., Kawai, Y. and Ikeda, K.W.Y.
A monoclonal antibody-based enzyme immunoassay for human GMP-140/P-selectin (153) 41
Kato, I., see Katayama, M. (153) 41
Kato, K., see Kim, H.H. (153) 223
Katz, A., Feldman, M. and Eisenbach, L.
The use of [^{35}S]methionine as a target cell label in long term cytotoxic assays (149) 255
Kaufman, E.N. and Jain, R.K.
In vitro measurement and screening of monoclonal antibody affinity using fluorescence photobleaching (155) 1
Kawagoe, M., see Ishizuka, T. (153) 213
Kawaguchi, Y., see Ishizuka, T. (153) 213
Kawai, M., see Takahashi, K. (153) 67
Kawai, T., see Ko, Y.-c. (149) 227
Kawai, Y., see Katayama, M. (153) 41
Kawakami, M., see Ishizuka, T. (153) 213
Keenan, J., see Cunningham-Rundles, C. (152) 177
Keisari, Y.
A colorimetric microtiter assay for the quantitation of cytokine activity on adherent cells in tissue culture (146) 155
Kelley, K.A., see Dinchuk, J.E. (155) 257
Kemeny, D.M.
Titration of antibodies (150) 57
Kemmner, W., Moldenhauer, G., Schlag, P. and Brossmer, R.
Separation of tumor cells from a suspension of dissociated human colorectal carcinoma tissue by means of monoclonal antibody-coated magnetic beads (147) 197
Kerr, M.A., see Mazengera, R.L. (146) 121
Khachigian, L.M., Evin, G., Morgan, F.J., Owensby, D.A. and Chesterman, C.N.
A crossreactive antipeptide monoclonal antibody with specificity for lysyl-lysine (J. Immunol. Methods 140 (1991) 249–258) (149) 267
Khandekar, P.S., see Talwar, G.P. (150) 121
Khanna, P.L., see Engel, W.D. (150) 99
Kiessig, S.T., see Porstmann, T. (150) 5
Kikuchi, K., see Wada, Y. (154) 235
Kim, H.H., Kato, K., Higuchi, A., Nomura, N., Noguchi, H. and Arata, Y.
^{13}C-NMR spectral analysis of the structures of mouse immunoglobulin G1 carrying allotypes a and j (153) 223
Kimberly, R.P., see Edberg, J.C. (148) 179
Kimura, M., see Watanabe, H. (146) 145
Kingsley, G., see Chikanza, I.C. (154) 173
Kinnon, C., see Porter, C.D. (155) 151
Kinský, R., see Dimitrov, D.G. (154) 147
Kirchner, H., see Rutenfranz, I. (148) 233
Kirkwood, J.M., see Jost, L.M. (147) 153
Kirstein, D., see Löster, K. (148) 41
Kishimoto, S., see Yoshikawa, A. (148) 143
Kishimoto, T., see Ogata, A. (148) 15
Kitagawa, M., see Abe, A. (154) 205
Kitani, A., see Ishizuka, T. (153) 213
Kitcher, J.P., see Horton, J.K. (155) 31
Klaff, L.J., see Hegewald, M.J. (154) 61
Klinman, D.M.
Analysis of B lymphocyte cross-reactivity at the single cell level (152) 217
Knol, E.F., see Mul, F.P.J. (149) 207
Ko, H.S., see Walker, K.W. (154) 121
Ko, Y.-c., Mukaida, N., Panyutich, A., Voitenok, N.N., Matsushima, K., Kawai, T. and Kasahara, T.
A sensitive enzyme-linked immunosorbent assay for human interleukin-8 (149) 227
Koehler, J.A., see Peppard, J.V. (148) 23
Koehne, C.F., see Peppard, J.V. (148) 23
Koenig, S., see Alexander, R.B. (148) 131
Kojima, M., see Yong Park, S. (154) 109
Kokkinopoulos, D., Perez, S., Sotiriadou, R., Stinios, J. and Papamichail, M.
The use of nylon wool for the isolation of T lymphocyte subpopulations (154) 1
Konstadoulakis, M.M., see Kroubouzos, G. (148) 261
Kopa, D., see Passmore, D. (155) 193
Kopperschläger, G., see Sulk, B. (149) 165
Kors, N., see Van Rooijen, N. (151) 149
Kozhich, A.T., see Ivanov, V.S. (153) 229
Kraal, G., see Van Rooijen, N. (151) 149
Krausa, P., see Sadler, A.M. (149) 11
Kremmer, E., see Schuh, R. (152) 59

Kroesen, B.-J., see Schilizzi, B.M. (153) 49
Krombach, F.P., see Padovan, C.S. (147) 27
Kroubouzos, G., Tosca, A., Konstadoulakis, M.M. and Varelzidis, A.
Poly-L-lysine causes false positive results in ELISA methods detecting anti-dsDNA antibodies (148) 261
Krüger, C., see Grunwald, U. (155) 225
Kruse, A., see Rutenfranz, I. (148) 233
Kuhn, H.-M., Brade, L. and Brade, H.
A complement-dependent enzyme immunoassay (C-EIA) with increased sensitivity for IgM-rich rabbit sera (155) 201
Kumar, U., see Heinicke, E. (152) 227
Kunz, L.L., see Deeb, B.J. (152) 105
Kurimoto, M., see Ogata, A. (148) 15
Kuritani, T., see Ogata, A. (148) 15
Kurokawa, K., see Maruyama, T. (155) 65
Kusumi, A., see Watanabe, H. (146) 145
Kwasowski, P., see Godfrey, M.A.J. (149) 21
Kwekkeboom, J., see De Boer, M. (152) 15
Kyprianou, E.K., see Bardsley, W.G. (153) 235

L

Lachmann, P.J., see Hobart, M.J. (153) 93
Lacroix, M., see Chalifour, R.J. (154) 69
Lalmanach, G., Hoebeke, J., Moreau, T., Ferrer-Di Martino, M. and Gauthier, F.
An immunochemical approach to investigating the mechanism of inhibition of cysteine proteinases by members of the cystatin superfamily (149) 197
Laman, J.D., see Claassen, E. (150) 207
Lamb, W.R., Pumphrey, R.S.H. and Brenchley, P.E.C.
A peroxidase-linked enzyme immunoassay for tumour necrosis factor α utilising alternative colorimetric or chemilumimetric substrates (155) 215
Lane, A.C., see Reynolds, W.M. (151) 123
Lane, D.P., see Vojtěšek, B. (151) 237
Lang, A.B., Schürch, U., Zimmermann, F. and Bruderer, U.
Selective generation of antigen-specific human hybridomas optimized for large scale growth in serum-free medium (154) 21
Lang, A.B., see Bruderer, U. (151) 157
Langeland Johansen, N., see Ingwersen, S.H. (149) 237
Langeveld, J.G.A., see Lenstra, J.A. (152) 149
Langlet, C. and Schmitt-Verhulst, A.-M.
Electroporation of CTL clones: a useful method to investigate signalling pathways leading to the expression of effector functions (151) 107
Lansdorp, P.M., see Thomas, T.E. (154) 245
Laus, R., see Hundhausen, T. (153) 21
Lechler, R., see Deacock, S. (147) 83
Lechler, R.I., see Zumla, A. (149) 69
Lee, A., see Wunderlich, D. (147) 1
Lee, T., see Ogata, A. (148) 15
Lemp, J.A., see Ruppel-Kerr, R. (154) 179
Lenstra, J.A., Erkens, J.H.F., Langeveld, J.G.A., Posthumus, W.P.A., Meloen, R.H., Gebauer, F., Correa, I., Enjuanes, L. and Stanley, K.K.
Isolation of sequences from a random-sequence expression library that mimic viral epitopes (152) 149
Lesavre, P., see Chevailler, A. (147) 101
Leung, K.-N., see Fung, M.-C. (149) 97
Levinsky, R.J., see Porter, C.D. (155) 151
Lew, A.M., see Sun, S. (152) 43
Linden, J., Vandenhoff, G.E., Taylor, D. and Finkelstein, G.L.
Solid phase enzyme immunoassay of cyclic adenosine 3′,5′-monophosphate. Effect of coating strategy upon assay performance in comparison with radioimmunoassay (151) 209
Linders, Y.E.M., see Van Erp, R. (152) 191
Linnenbach, A.J., see Kasai, Y. (155) 77
Liotta, L.A., see Zucker, S. (148) 189
Litt, G.J., see Bobrow, M.N. (150) 145
Livaniou, E., Mihelič, M., Evangelatos, G.P., Haritos, A. and Voelter, W.
A thymosin β_4 ELISA using an antibody against the N terminal fragment thymosin β_4 [1–14] (148) 9
Llull, R., see Walker, K.W. (154) 121
Løfsgaard, M.F., see Michaelsen, T.E. (146) 9
Lombard, Y., see Giaimis, J. (154) 185
Longhurst, S., see Thavasu, P.W. (153) 115
Loomis, L.D., see VanCott, T.C. (146) 163
Lopez, P.A., see Hardin, J.A. (154) 99
Loridon-Rosa, B., see Bara, J. (149) 105
Löster, K., Seidel, S., Kirstein, D., Schneider, F. and Noll, F.
Novel antibody coating of a magnetizable solid phase for use in enzyme immunoassays (148) 41
Lu, D., see Carding, S.R. (151) 277
Lüke, F.J. and Schlegel, W.
Determination of prostaglandin metabolites in biological samples by competitive time-resolved fluoroimmunoassay (148) 217
Lukowsky, A., see Grunwald, U. (155) 225
Lundgren, E., see Hedman, H. (146) 203
Lundqvist, C., Hammarström, M.-L., Athlin, L. and Hammarström, S.
Isolation of functionally active intraepithelial lymphocytes and enterocytes from human small and large intestine (152) 253
Lysik, R.M., see Zucker, S. (148) 189

M

Ma, J., Walsh, B., Chen, S.-L., Penny, R. and Breit, S.N.
Restoring antibody activity of a monoclonal anti-RNP

antibody by dissociative HPLC. Demonstration of blocking antibody binding sites with antigen released from effete hybridoma cells (155) 121
Macey, M.G., Jiang, X.P., Veys, P., McCarthy, D. and Newland, A.C.
Expression of functional antigens on neutrophils. Effects of preparation (149) 37
Madan, S., see Paul, A. (148) 151
Madersbacher, S., Wolf, H., Gerth, R. and Berger, P.
Increased ELISA sensitivity using a modified method for conjugating horseradish peroxidase to monoclonal antibodies (152) 9
Madsen, K., see Ingwersen, S.H. (149) 237
Maeji, N.J., Tribbick, G., Bray, A.M. and Geysen, H.M.
Simultaneous multiple synthesis of peptide-carrier conjugates (146) 83
Magdelénat, H.
Tumour markers in oncology: past, present and future (150) 133
Mahmood, N. and Hay, A.J.
An ELISA utilizing immobilised snowdrop lectin GNA for the detection of envelope glycoproteins of HIV and SIV (151) 9
Maini, R.N., see Williams, R.O. (147) 93
Mak, N.-K., see Fung, M.-C. (149) 97
Makaya-Kumba, M., see Giaimis, J. (154) 185
Mäkelä, O., see Herrmann, D.J. (148) 101
Maldonado, C., see Ojeda, F. (152) 171
Malvano, R., see Chiecchio, A. (147) 211
Mann, W., see Zucker, S. (148) 189
Mannik, M. and Person, R.E.
New antigenic determinants revealed on human IgG by binding to immunoblotting membranes (148) 267
Manyonda, I.T., Soltys, A.J. and Hay, F.C.
A critical evaluation of the magnetic cell sorter and its use in the positive and negative selection of $CD45RO^+$ cells (149) 1
Manzoli, F.A., see Vitale, M. (149) 189
Manzone, P., see Chiecchio, A. (147) 211
Marcucci, F., see Alzani, R. (152) 35
Marguerie, C., see Zumla, A. (149) 69
Markela, E., see Suonpää, M. (149) 247
Marks, V., see Godfrey, M.A.J. (149) 21
Marsden, H.S., Owsianka, A.M., Graham, S., McLean, G.W., Robertson, C.A. and Subak-Sharpe, J.H.
Advantages of branched peptides in serodiagnosis. Detection of HIV-specific antibodies and the use of glycine spacers to increase sensitivity (147) 65
Marsden, H.S., see McLean, G.W. (155) 113
Marsh, S.G.E., see Sadler, A.M. (149) 11
Marshall, M.O. and Høyer, P.E.
A quantitative immunocytochemical method for the measurement of islet cell cytoplasmic antibodies (149) 63
Martin, D.C., see Walker, K.W. (154) 121
Martin, K.J., see Roland, C.R. (154) 139
Martin, R.C., see Horton, J.K. (155) 31
Maruyama, H., see Kasai, Y. (155) 77
Maruyama, T., Thornton, G.B., Iino, S., Kurokawa, K. and Milich, D.R.
Use of anti-peptide antibodies for the design of antigen-specific immune complex assays (155) 65
Maryanski, J.L., see Widmann, C. (155) 95
Massip, E., see Romeu, M.A. (154) 7
Matsuki, Y., see Ishizuka, T. (153) 213
Matsushima, K., see Ko, Y.-c. (149) 227
Matsushita, S., see Kasai, Y. (155) 77
Mattes, M.J., see Ong, G.L. (154) 37
Mayall, S., see Hamblin, A. (146) 219
Mayer, P.C., see Bobrow, M.N. (150) 145
Mayorga, C., see Blanca, M. (153) 99
Mayumi, M., see Yoshikawa, A. (148) 143
Mazengera, R.L., Kerr, M.A. and Todd, A.S.
The use of spent renal dialysis membranes for the isolation of large numbers of human neutrophils for biochemical studies. Application to purification of the myeloid IgA receptor (FcαR) (146) 121
Mazza, G., see Thorne, K.J.I. (149) 137
Mazzotti, G., see Vitale, M. (149) 189
McAleese, S.M., see Duncan, M.E. (151) 227
McCarthy, D., see Hamblin, A. (146) 219
McCarthy, D., see Macey, M.G. (149) 37
McCaughey, C., see Coyle, P.V. (153) 81
McCulloch, D.K., see Hegewald, M.J. (154) 61
McCune, C., Goddard, R.H., Cho, S.-O. and Wick, S.M.
Use of the lipid emulsion system and *Salmonella typhimurium* mitogen adjuvant to stimulate IgG production in chickens (155) 267
McDevitt, M.R., see Thakur, M.L. (152) 209
McDonald-Smith, J., see Nesbit, M. (151) 201
McLean, G.W., Cross, A.M., Munns, M.S. and Marsden, H.S.
Rapid attachment of a helper T cell epitope to branched peptides by fragment condensation to give enhanced immunogenicity (155) 113
McLean, G.W., see Marsden, H.S. (147) 65
McNeilage, J., see Xu, H.J. (146) 241
Mehlig, M., see Scheicher, C. (154) 253
Meilof, J.F., see Veldhoven, C.H.A. (151) 177
Melief, C.J.M., see Ossevoort, M.A. (155) 101
Melikhova, E.M., see Bardsley, W.G. (153) 235
Melo, C., see Romano, M. (154) 265
Meloen, R.H., see Lenstra, J.A. (152) 149
Melvin, W.T., see Duncan, M.E. (151) 227
Mengel Junior, J.O., see De Miranda-Santos, I.K.F. (146) 261
Merino, J., Casado, J.A., Cid, J., Sánchez-Ibarrola, A. and Subirá, M.L.
The measurement of transforming growth factor type β (TGFβ) levels produced by peripheral blood mononuclear cells requires the efficient elimination of contaminating platelets (153) 151
Mestre, M., see Romeu, M.A. (154) 7
Michael, J.G., see Pesce, A.J. (150) 111
Michaelsen, T.E., Løfsgaard, M.F., Aase, A. and Heyman, B.
Unexpected interaction of some anti-TNP hybridoma antibodies with Superose HPLC gel filtration resins (146) 9
Michon, F., see Chalifour, R.J. (154) 69
Middelkoop, E., see Wiemer, E.A.C. (151) 165
Midgley, C.A., see Vojtěšek, B. (151) 237
Mierz, D.V., see Wunderlich, D. (147) 1

Mihelič, M., see Livaniou, E. (148) 9
Milich, D.R., see Maruyama, T. (155) 65
Millar, B.C., see Riches, P. (153) 125
Millar, D.M., see Jasani, B. (150) 193
Milstein, C., see Pannell, R. (146) 43
Min, H.Y., see De Boer, M. (152) 15
Misbah, S.A., see Faux, J.A. (153) 167
Misso, N.L.A., Kang, T.L., Phillips, M.J. and Thompson, P.J.
Assessment of neutrophil chemotaxis by laser and video densitometry (149) 183
Mitchell, L.A., see Herrmann, D.J. (148) 101
Miyakawa, Y., see Yoshikawa, A. (148) 143
Miyakoshi, S., see Abe, A. (154) 205
Moisidis, A.V., see Cox, J.C. (146) 213
Moldenhauer, G., see Kemmner, W. (147) 197
Monti, G., see Vitale, M. (149) 189
Moreau, T., see Lalmanach, G. (149) 197
Morgan, F.J., see Khachigian, L.M. (149) 267
Morrison, L., see Rasheed, F.N. (146) 185
Morrison, S.L., see Coloma, M.J. (152) 89
Morrissey, P.J., Sato, T. and Braddy, S.
The response of the IL-6-dependent cell line, B9, to IL-6 is not augmented by recombinant derived purified IL-2 (147) 141
Moss, D.J., see Suhrbier, A. (148) 265
Motal, U.M.A., see Zhou, X. (153) 193
Mukaida, N., see Ko, Y.-c. (149) 227
Mukherjee, J., see Casadevall, A. (154) 27
Mukherjee, R., see Talwar, G.P. (150) 121
Mul, F.P.J., Knol, E.F. and Roos, D.
An improved method for the purification of basophilic granulocytes from human blood (149) 207
Mulé, J.J., see Hwu, P. (151) 139
Müller-Ruchholtz, W., see Hundhausen, T. (153) 21
Munford, R.S., DeVeaux, L.C., Cronan, Jr., J.E. and Rick, P.D.
Biosynthetic radiolabeling of bacterial lipopolysaccharide to high specific activity (148) 115
Munns, M.S., see McLean, G.W. (155) 113
Munoz, D.G., see Heinicke, E. (152) 227
Murphy, J.F., Davies, D.H. and Smith, C.J.
The development of enzyme-linked immunosorbent assays (ELISA) for the catecholamines adrenalin and noradrenalin (154) 89

N

Nag, B., see Passmore, D. (155) 193
Nagata, M. and Tanaka, T.
Detection of fecal blood by colloidal gold agglutination using an anti-human hemoglobin monoclonal antibody (153) 185
Nagel, J., see Herrmann, D.J. (148) 101
Nair, S., Zhou, X., Huang, L. and Rouse, B.T.
Class I restricted CTL recognition of a soluble protein delivered by liposomes containing lipophilic polylysines (152) 237
Naito, S., see Yoshikawa, A. (148) 143
Nakamura, H., see Ishizuka, T. (153) 213
Nakamura, Y., see Takeda, A. (147) 217
Nakane, P.K.
Modern histochemical methods using enzymes as markers (150) 151
Nash, K., see Basi, G.S. (155) 175
Navabi, H., see Jasani, B. (150) 193
Németh, P., see Balogh, P. (153) 141
Nesbit, M., Fu, Z.F., McDonald-Smith, J., Steplewski, Z. and Curtis, P.J.
Production of a functional monoclonal antibody recognizing human colorectal carcinoma cells from a baculovirus expression system (151) 201
Nessler, R., see Butler, J.E. (150) 77
Newkirk, M.M.
Identification of IgG rheumatoid factors by a novel method utilizing immunoblotting (148) 93
Newland, A.C., see Macey, M.G. (149) 37
Newman, G.R., see Jasani, B. (150) 193
Newman, I. and Wilkinson, P.C.
Methods for phenotyping polarized and locomotor human lymphocytes (147) 43
Newsom-Davis, J., see Hawke, S. (155) 41
Ni, L., see Butler, J.E. (150) 77
Nicolas, J.-C., see Chikhaoui, Y. (150) 51
Noble, G., see Hamblin, A. (146) 219
Noel, L.H., see Chevailler, A. (147) 101
Noguchi, H., see Kim, H.H. (153) 223
Noll, F., see Löster, K. (148) 41
Nomura, N., see Kim, H.H. (153) 223
Nordström, I. and Ferrua, B.
Reverse ELISPOT assay for clonal analysis of cytokine production. II. Enumeration of interleukin-1-secreting cells by amplified (avidin-biotin anti-peroxidase) assay (150) 199
Nordström, I., see Eriksson, K. (153) 107
Nouza, K., see Dimitrov, D.G. (154) 147
Ntakarutimana, V., Demedts, P., Van Sande, M. and Scharpé, S.
A simple and economical strategy for downstream processing of specific antibodies to human transferrin from egg yolk (153) 133
Nusbaum, P., see Chevailler, A. (147) 101

O

Obata, F., see Abe, A. (154) 205
Ofman, R., see Wiemer, E.A.C. (151) 165
Ogata, A., Tagoh, H., Lee, T., Kuritani, T., Takahara, Y., Shimamura, T., Ikegami, H., Kurimoto, M., Yoshizaki, K. and Kishimoto, T.

A new highly sensitive immunoassay for cytokines by dissociation-enhanced lanthanide fluoroimmunoassay (DELFIA) (148) 15
Ohe, Y., see Jiao, H. (153) 265
Ohkawara, H., see Yazawa, S. (147) 21
Ohmori, H., Takai, T., Tanigawa, T. and Honma, Y.
Establishment of an enzyme release assay for cytotoxic T lymphocyte activity (147) 119
Ohmori, K., see Watanabe, H. (146) 145
Ohta, M., see Wada, Y. (154) 235
Ohteki, T., see Watanabe, H. (146) 145
Ohtsuka, K., see Watanabe, H. (146) 145
Ojeda, F., Guarda, M.I., Maldonado, C. and Folch, H.
A flow-cytometric method to study DNA fragmentation in lymphocytes (152) 171
Okamoto, H., see Yoshikawa, A. (148) 143
Okawa, Y., Howard, C.R. and Steward, M.W.
Production of anti-peptide specific antibody in mice following immunization with peptides conjugated to mannan (149) 127
Okunev, E., see Peritt, D. (155) 159
Okunev, E., see Peritt, D. (155) 167
Olijve, W., see Steenbakkers, P.G.A. (152) 69
Olsen, M.R., see Bennett, B. (153) 31
Olson, N.A., see Huang, Z. (149) 261
O'Neill, H.J., see Coyle, P.V. (153) 81
Ong, G.L., Baker, A.E.M. and Mattes, M.J.
Analysis of high complement levels in *Mus hortulanus* and BUB mice (154) 37
Oriol, R., see Bara, J. (149) 105
Ormerod, M.G., Collins, M.K.L., Rodriguez-Tarduchy, G. and Robertson, D.
Apoptosis in interleukin-3-dependent haemopoietic cells. Quantification by two flow cytometric methods (153) 57
Orosz, C.G., see Tzeng, J.-J. (146) 177
Osborne, B.A., see Ravichandran, K.S. (153) 249
Ossevoort, M.A., Toes, R.E.M., De Bruijn, M.L.H., Melief, C.J.M., Figdor, C.G. and Kast, W.M.
A rapid isolation procedure for dendritic cells from mouse spleen by centrifugal elutriation (155) 101
O'Sullivan, M.J., see Horton, J.K. (155) 31
Otter, A.J., see Thomas, T.E. (154) 245
Out, T.A., see Van de Graaf, E.A. (147) 241
Owensby, D.A., see Khachigian, L.M. (149) 267
Owsianka, A.M., see Marsden, H.S. (147) 65
Ozmen, L., Fountoulakis, M. and Garotta, G.
A novel solid-phase test to study the binding of IFN-γ to its receptor (147) 261

P

Padovan, C.S., Behr, J., Allmeling, A.-M., Gerlach, J.T., Vogelmeier, C. and Krombach, F.P.
Immunophenotyping of lymphocyte subsets in bronchoalveolar lavage fluid. Comparison of flow cytometric and immunocytochemical techniques (147) 27
Palmer, J.P., see Hegewald, M.J. (154) 61
Pan, A., see Tie, F. (149) 115
Panayi, G.S., see Chikanza, I.C. (154) 173
Pannell, R. and Milstein, C.
An oscillating bubble chamber for laboratory scale production of monoclonal antibodies as an alternative to ascitic tumours (146) 43
Panyutich, A., see Ko, Y.-c. (149) 227
Papa, S., see Vitale, M. (149) 189
Papadopoulos, G.K., see Economou, M. (148) 87
Papamichail, M., see Kokkinopoulos, D. (154) 1
Parekh, B., see Granade, T.C. (154) 225
Parkar, M.H., see Porter, C.D. (155) 151
Pascual, D.W. and Clem, L.W.
Low temperature pepsin proteolysis. An effective procedure for mouse IgM $F(ab')_2$ fragment production (146) 249
Passmore, D., Kopa, D. and Nag, B.
Preparative-scale purification and characterization of MHC class II monomers (155) 193
Pau, C.-P., see Granade, T.C. (154) 225
Paul, A., Madan, S., Vasandani, V.M., Ghosh, P.C. and Bachhawat, B.K.
Liposome immune lysis assay (LILA) for gelonin (148) 151
Paulie, S., see Jakobson, E. (152) 49
Pechhold, K. and Kabelitz, D.
A rapid staining procedure for two-color analysis of lymphocyte antigen expression (147) 135
Penny, R., see Ma, J. (155) 121
Peppard, J.V., Rediske, J.J., Koehler, J.A. and Koehne, C.F.
A simple and rapid radioimmunoassay for human interleukin-6 (148) 23
Perez, E., see Blanca, M. (153) 99
Perez-Estrada, M., see Blanca, M. (153) 99
Perez, S., see Kokkinopoulos, D. (154) 1
Peritt, D., Flechner, I., Okunev, E., Yanai, P., Halperin, T., Treves, A.J. and Barak, V.
The M20 IL-1 inhibitor. I. Purification by preparative isoelectric focusing in free solution (155) 159
Peritt, D., Flechner, I., Yanai, P., Okunev, E., Halperin, T., Treves, A.J. and Barak, V.
The M20 IL-1 inhibitor. II. Biological characterization (155) 167
Person, R.E., see Mannik, M. (148) 267
Pesce, A.J. and Michael, J.G.
Artifacts and limitations of enzyme immunoassay (150) 111
Petersen, E., see Dziegiel, M. (155) 207
Petersen, J.S. and Dyrberg, T.
Production of epitope specific monoclonal IgG antibodies to HLA class II molecules by combining in vivo and in vitro immunization (151) 15
Phillips, M.J., see Misso, N.L.A. (149) 183
Phillips, S.K., see Granade, T.C. (154) 225
Pinching, A.J., see Ekong, T. (151) 217
Pinedo, H.M., see Haisma, H.J. (154) 55
Pistole, T.G., see Sloan, A.R. (154) 217
Pochon, S., see Graber, P. (149) 215

Poindron, P., see Giaimis, J. (154) 185
Pokrić, B. and Pučar, Z.
Microgravimetric determination of precipitable antigens and antibodies in native biological fluids (148) 49
Pons, H.A., see Gebran, S.J. (151) 255
Por, S.B., see Bennett, S. (153) 201
Porstmann, T. and Kiessig, S.T.
Enzyme immunoassay techniques. An overview (150) 5
Porter, C.D., Parkar, M.H., Collins, M.K.L., Levinsky, R.J. and Kinnon, C.
Superoxide production by normal and chronic granulomatous disease (CGD) patient-derived EBV-transformed B cell lines measured by chemiluminescence-based assays (155) 151
Posthumus, W.P.A., see Lenstra, J.A. (152) 149
Preud'homme, J.L., Aucouturier, P. and Gualde, N.
Jacalin and artocarpin (146) 259
Price, M.R., see Hudecz, F. (147) 201
Primi, D., see Bettinardi, A. (146) 71
Prince, P., see Delaage, M. (150) 103
Provinciali, M., Di Stefano, G. and Fabris, N.
Optimization of cytotoxic assay by target cell retention of the fluorescent dye carboxyfluorescein diacetate (CFDA) and comparison with conventional ^{51}CR release assay (155) 19
Pučar, Z., see Pokrić, B. (148) 49
Pumphrey, R.S.H., see Lamb, W.R. (155) 215
Puntis, M.C.A., see Jiang, W.G. (152) 201

Q

Qadri, A., see Talwar, G.P. (150) 121

R

Radford, A.J., see Jones, S.L. (155) 233
Raghava, G.P.S., Joshi, A.K. and Agrewala, J.N.
Calculation of antibody and antigen concentrations from ELISA data using a graphical method (153) 263
Ramabhadran, T.V., see Wunderlich, D. (147) 1
Ramsamooj, R., see Walker, K.W. (154) 121
Rapley, R., see Walker, M.R. (149) 77
Rasheed, F.N., Bulmer, J.N., Morrison, L., Jawla, M.F.B., Hassan-King, M., Riley, E.M. and Greenwood, B.M.
Isolation of maternal mononuclear cells from placentas for use in in vitro functional assays (146) 185
Rasmussen, A.-M., Smeland, E.B., Erikstein, B.K., Caignault, L. and Funderud, S.
A new method for detachment of Dynabeads from positively selected B lymphocytes (146) 195
Ratcliffe, J.G., see Ratcliffe, W.A. (146) 33
Ratcliffe, W.A., Bowden, S.J., Emly, J., Hughes, S. and Ratcliffe, J.G.
Production and characterisation of monoclonal antibodies to the mid-region 37–67 sequence of parathyroid hormone-related protein (146) 33
Ravichandran, K.S., Semproni, A.R., Goldsby, R.A. and Osborne, B.A.
Immunoglobulin V_H usage analysis by fluorescent in situ hybridization and flow cytometry (153) 249
Ray, R., see Talwar, G.P. (150) 121
Reddi, P.P., see Talwar, G.P. (150) 121
Redfield, R.R., see VanCott, T.C. (146) 163
Rediske, J.J., see Peppard, J.V. (148) 23
Redus, M.A., see Granade, T.C. (154) 225
Reed, B.A., see Boraker, D.K. (155) 91
Reed, G.L.
Generation of species-specific, rat monoclonal antibodies that bind to the κ chain of mouse immunoglobulin (147) 111
Rehfeld, J.F.
In vivo immunosorption – a method for the examination of hormone heterogeneity at low plasma concentrations. Application to progastrin and its products (153) 7
Renier, G., see Chevailler, A. (147) 101
Reske, K., see Scheicher, C. (154) 253
Reynolds, W.M., Williamson, A.M., Smith, G.J. and Lane, A.C.
A simple technique for the determination of κ and λ immunoglobulin light chain expression by B cells in whole blood (151) 123
Rice, J.E. and Bignold, L.P.
Chemotaxis of polymorphonuclear leukocytes in whole blood in the 'sparse-pore' polycarbonate (Nuclepore) membrane/Boyden chamber assay (149) 121
Rich, R.R., see Rodgers, J.R. (152) 159
Richardson, B.A., see Thorne, K.J.I. (149) 137
Richardson, B.A., see Thorne, K.J.I. (149) 139
Riches, P., Gooding, R., Millar, B.C. and Rowbottom, A.W.
Influence of collection and separation of blood samples on plasma IL-1, IL-6 and TNF-α concentrations (153) 125
Rick, P.D., see Munford, R.S. (148) 115
Rickwood, D., see Swann, I.D. (152) 245
Riggs, M.B., see Basi, G.S. (155) 175
Rijkers, G.T., see Herrmann, D.J. (148) 101
Riley, E.M., see Bennett, S. (146) 229
Riley, E.M., see Rasheed, F.N. (146) 185
Ringhini, R., see Chiecchio, A. (147) 211
Rink, L., see Rutenfranz, I. (148) 233
Roberts, A.M., see Walker, M.R. (149) 77
Roberts-Thomson, P.J., see Xu, H.J. (146) 241
Robertson, C.A., see Marsden, H.S. (147) 65
Robertson, D., see Ormerod, M.G. (153) 57
Rodgers, J.R., Shawar, S.M., Guenther, M.M. and Rich, R.R.
Kinetics of killing by monoclonal cytotoxic T lymphocytes.

I. Colorimetric detection of cryptic CTL determinants on adherent target cells and survivorship analysis (152) 159
Rodriguez-Tarduchy, G., see Ormerod, M.G. (153) 57
Roland, C.R., Martin, K.J. and Flye, M.W.
Buffering requirements for cAMP determination by radioimmunoassay in cultured macrophages (154) 139
Romano, E.L., see Gebran, S.J. (151) 255
Romano, M., Melo, C., Baralle, F. and Dri, P.
cDNA clones of myeloperoxidase (MPO) and eosinophil peroxidase (EPO) from human blood mononuclear cells differentiated into granulocyte precursors in liquid cultures (154) 265
Romero, P., see Widmann, C. (155) 95
Romeu, M.A., Mestre, M., González, L., Valls, A., Verdaguer, J., Corominas, M., Bas, J., Massip, E. and Buendia, E.
Lymphocyte immunophenotyping by flow cytometry in normal adults. Comparison of fresh whole blood lysis technique, Ficoll-Paque separation and cryopreservation (154) 7
Ron, M., see Galili, U. (151) 117
Roos, D., see Mul, F.P.J. (149) 207
Rosenberg, B., see Butler, J.E. (150) 77
Rosenberg, S.A., see Alexander, R.B. (148) 131
Rosenberg, S.A., see Hwu, P. (151) 139
Rosenthal, K.A., see Rowland, A.M. (151) 87
Rossi, R., see Alzani, R. (152) 35
Ross Wilson, A., see Bardsley, W.G. (153) 235
Rothel, J.S., see Jones, S.L. (155) 233
Rottier, M.M.A., see Walker, M.R. (149) 77
Rouse, B.T., see Nair, S. (152) 237
Rowbottom, A.W., see Riches, P. (153) 125
Rowland, A.M., Wooldridge, M.A., Rosenthal, K.A. and Wong, W.L.T.
A simple approach to improving sensitivity in a one-step monoclonal antibody-based ELISA for human IIbIIIa using multiple conjugates (151) 87
Ru, B., see Tie, F. (149) 115
Ruppel-Kerr, R., Lemp, J.A. and Karol, M.H.
Antibody to recombinant murine tumor necrosis factor (TNF) neutralizes guinea pig TNF (154) 179
Rutenfranz, I., Kruse, A., Rink, L., Wenzel, B., Arnholdt, H. and Kirchner, H.
In situ hybridization of the mRNA for interferon-γ, interferon-αE, interferon-β, interleukin-1β and interleukin-6 and characterization of infiltrating cells in thyroid tissues (148) 233

S

Sadler, A.M., Krausa, P., Marsh, S.G.E., Heyes, J.M. and Bodmer, J.G.
A microELISA assay for detection of anti-HLA activity of mouse monoclonal antibodies using an Astroscan 2100 automated plate reader (149) 11
Saha, K., Case, R. and Wong, P.K.Y.
A simple method of concentrating monoclonal antibodies from culture supernatant by ultrafiltration (151) 307
Saijo, N., see Jiao, H. (153) 265
Saito, T., see Zumla, A. (149) 69
Salcedo, T.W. and Fleit, H.B.
Detection of tumor necrosis factor induced nuclear damage with *p*-phenylenediamine (148) 209
Salmain, M., Vessières, A., Brossier, P., Butler, I.S. and Jaouen, G.
Carbonylmetalloimmunoassay (CMIA) a new type of non-radioisotopic immunoassay. Principles and application to phenobarbital assay (148) 65
Sánchez-Ibarrola, A., see Merino, J. (153) 151
Sano, K., see Hu, F.-y. (152) 123
Sato, N., see Wada, Y. (154) 235
Sato, T., see Morrissey, P.J. (147) 141
Saul, A., see Suhrbier, A. (148) 265
Saxon, A., see Storek, J. (151) 261
Scala, F., see Iannelli, D. (154) 211
Scharff, M.D., see Casadevall, A. (154) 27
Scharff, M.D., see Spira, G. (148) 121
Scharpé, S., see Ntakarutimana, V. (153) 133
Scheicher, C., Mehlig, M., Zecher, R. and Reske, K.
Dendritic cells from mouse bone marrow: in vitro differentiation using low doses of recombinant granulocyte-macrophage colony-stimulating factor (154) 253
Schilizzi, B.M., Kroesen, B.-J., The, T.H. and De Leij, L.
Increased production of antigen-specific B lymphocytes during in vitro immunization using carrier-specific T helper hybridomas (153) 49
Schlaeger, E.-J. and Schumpp, B.
Propagation of a mouse myeloma cell line J558L producing human CD4 immunoglobulin G1 (146) 111
Schlag, P., see Kemmner, W. (147) 197
Schlegel, W., see Lüke, F.J. (148) 217
Schmid, I., see Storek, J. (151) 261
Schmid, R.D., see Böcher, M. (151) 1
Schmitt-Verhulst, A.-M., see Langlet, C. (151) 107
Schneider, F., see Löster, K. (148) 41
Schochetman, G., see Granade, T.C. (154) 225
Schoenfeld, S.L., see Hegewald, M.J. (154) 61
Schuh, R., Kremmer, E., Ego, E., Wasiliu, M. and Thierfelder, S.
Determination of monoclonal antibody specificity by immunoadsorption and Western blotting (152) 59
Schumpp, B., see Schlaeger, E.-J. (146) 111
Schürch, U., see Bruderer, U. (151) 157
Schürch, U., see Lang, A.B. (154) 21
Schütt, C., see Grunwald, U. (155) 225
Schwab, C. and Bosshard, H.R.
Caveats for the use of surface-adsorbed protein antigen to test the specificity of antibodies (147) 125
Schwarer, A., see Deacock, S. (147) 83
Schwarz, S., see Hwu, P. (151) 139
Scott, H., see Hvatum, M. (148) 77

Sedgwick, J.D. and Czerkinsky, C.
Detection of cell-surface molecules, secreted products of single cells and cellular proliferation by enzyme immunoassay (150) 159
Sedlák, R., see Dimitrov, D.G. (154) 147
Seferiadis, K., see Economou, M. (148) 87
Seibold, G., see Baumgärtner, W. (151) 309
Seidel, S., see Löster, K. (148) 41
Seki, S., see Watanabe, H. (146) 145
Semproni, A.R., see Ravichandran, K.S. (153) 249
Sengupta, J., Dhar, T.K. and Ali, E.
Sandwich immunoassay of small molecules. II. Effects of heterology and development of a highly sensitive and specific enzyme immunoassay for testosterone (147) 181
Sengupta, J., see Ali, E. (147) 173
Shakoor, Z., see Hamblin, A. (146) 219
Sharief, M.K., Hentges, R. and Thompson, E.J.
Determination of interleukin-2 in cerebrospinal fluid by a sensitive enzyme-linked immunosorbent assay (147) 51
Sharma, M., see Talwar, G.P. (150) 121
Sharma, M.D., see Talwar, G.P. (150) 121
Sharma, S.K.
Protein growth factor(s) from C6 glioma cells. A reaction to an article by Gomathi et al. (JIM 139 (1991) 101–105) (154) 269
Sharma, S.K.
Reply to the letter of Sanjeev Kumar Sharma (154) 271
Sharon, R., see Galili, U. (151) 117
Shaughnessy, K.J., see Bobrow, M.N. (150) 145
Shawar, S.M., see Rodgers, J.R. (152) 159
Shepherd, J.M., see Cox, J.C. (146) 213
Shepherd, J.M., see Jones, S.L. (155) 233
Sherr, D.H., see Hardin, J.A. (154) 99
Shields, J., see Graber, P. (149) 215
Shimamura, T., see Hu, Z.-Q. (149) 173
Shimamura, T., see Ogata, A. (148) 15
Shinohara, N., see Yong Park, S. (154) 109
Silva, C.A., see Haisma, H.J. (154) 55
Sim, T.C., see Alam, R. (155) 25
Siman, P.
Computer program for planning and evaluating microplate experiments (146) 1
Siman, P.
MPLAT – a program for the planning,and evaluation of microplate experiments (146) 139
Singer, R., see Basi, G.S. (155) 175
Sinicropi, D.V., see Gibson, U.E.M. (155) 249
Skretting, A., see Fjeld, J.G. (151) 97
Slevin, M.L., see Thavasu, P.W. (153) 115
Sloan, A.R. and Pistole, T.G.
A quantitative method for measuring the adherence of group B streptococci to murine peritoneal exudate macrophages (154) 217
Smal, M.A., see Cooney, S.J. (151) 131
Smeenk, R.J.T., see Veldhoven, C.H.A. (151) 177
Smeland, E.B., see Rasmussen, A.-M. (146) 195
Smith, C.A., see Hwu, P. (151) 139
Smith, C.I.E., see Islam, K.B. (154) 163
Smith, C.J., see Murphy, J.F. (154) 89
Smith, G.J., see Reynolds, W.M. (151) 123
Smits, J., see Beumer, T. (154) 77
So, A., see Zumla, A. (149) 69
Soejima, Y., see Jiao, H. (153) 265
Soltys, A.J., see Manyonda, I.T. (149) 1
Sotiriadou, R., see Kokkinopoulos, D. (154) 1
Sottini, A., see Bettinardi, A. (146) 71
Soyano, A.N., see Gebran, S.J. (151) 255
Sperlagh, M., see Kasai, Y. (155) 77
Spiller, D.G. and Tidd, D.M.
Abrogation of c-MYC protein degradation in human lymphocyte lysates by prior precipitation with perchloric acid (149) 29
Spira, G. and Scharff, M.D.
Identification of rare immunoglobulin switch variants using the ELISA spot assay (148) 121
Sportsman, J.R., see Fernando, S.A. (151) 27
Ståhlberg, T., see Suonpää, M. (149) 247
Stanley, E.R., see Bennett, S. (153) 201
Stanley, K.K., see Lenstra, J.A. (152) 149
Steenbakkers, P.G.A., Van Meel, F.C.M. and Olijve, W.
A new approach to the generation of human or murine antibody producing hybridomas (152) 69
Steplewski, Z., see Nesbit, M. (151) 201
Stetler-Stevenson, W., see Zucker, S. (148) 189
Stevens, K., see Bailey, M. (153) 85
Steward, M.W., see Okawa, Y. (149) 127
Stewart, J.L., see Deeb, B.J. (152) 105
Stieber, A., see Gonatas, N.K. (150) 185
Stinios, J., see Kokkinopoulos, D. (154) 1
Stirpe, F., see Strocchi, P. (155) 57
Stoffelen, E., see Beumer, T. (154) 77
Stokes, C.R., see Bailey, M. (153) 261
Stokes, C.R., see Bailey, M. (153) 85
Storek, J., Schmid, I., Ferrara, S. and Saxon, A.
A novel B cell stimulation/proliferation assay using simultaneous flow cytometric detection of cell surface markers and DNA content (151) 261
Strocchi, P., Barbieri, L. and Stirpe, F.
Immunological properties of ribosome-inactivating proteins and a saporin immunotoxin (155) 57
Sturmer, A.M., Driscoll, D.P. and Jackson-Matthews, D.E.
A quantitative immunoassay using chicken antibodies for detection of native and recombinant α-amidating enzyme (146) 105
Suau, R., see Blanca, M. (153) 99
Subak-Sharpe, J.H., see Marsden, H.S. (147) 65
Subirá, M.L., see Merino, J. (153) 151
Subra, J.F., see Chevailler, A. (147) 101
Suhrbier, A., Fernan, A., Burrows, S.R., Saul, A. and Moss, D.J.
BLT esterase activity as an alternative to chromium release in cytotoxic T cell assays (148) 265
Sulk, B., Birkenmeier, G. and Kopperschläger, G.
Application of phase partitioning and thiophilic adsorption chromatography to the purification of monoclonal antibodies from cell culture fluid (149) 165

Sun, S. and Lew, A.M.
Chimaeric protein A/protein G and protein G/alkaline phosphatase as reporter molecules (152) 43
Suonpää, M., Markela, E., Ståhlberg, T. and Hemmilä, I.
Europium-labelled streptavidin as a highly sensitive universal label. Indirect time-resolved immunofluorometry of FSH and TSH (149) 247
Suter, M., see Butler, J.E. (150) 77
Suvorova, Z.K., see Ivanov, V.S. (153) 229
Suzuki, H., see Yong Park, S. (154) 109
Suzuki, K., see Ishizuka, T. (153) 213
Svennerholm, B., see Eriksson, K. (153) 107
Swann, I.D., Dealtry, G.B. and Rickwood, D.
Differentiation-related changes in quantitative binding of immunomagnetic beads (152) 245

T

Tada, T., see Hu, F.-y. (152) 123
Tager, J.M., see Wiemer, E.A.C. (151) 165
Tagoh, H., see Ogata, A. (148) 15
Takahara, Y., see Ogata, A. (148) 15
Takahashi, K., Fukada, M., Kawai, M. and Yokochi, T.
Detection of lipopolysaccharide (LPS) and identification of its serotype by an enzyme-linked immunosorbent assay (ELISA) using poly-L-lysine (153) 67
Takahashi, K., see Yoshikawa, A. (148) 143
Takahashi, S., see Wada, Y. (154) 235
Takai, T., see Ohmori, H. (147) 119
Takeda, A., Nakamura, Y. and Aoki, Y.
Enzyme-linked immunosorbent assay for the detection of cathepsin-kininogen complexes in human plasma (147) 217
Talwar, G.P., Banerjee, K., Reddi, P.P., Sharma, M., Qadri, A., Gupta, S.K., Mukherjee, R., Ray, R., Ghosh, S., Deka, N., Sharma, M.D., Aparna, K. and Khandekar, P.S.
Diagnostics for the tropical countries (150) 121
Tanaka, N., see Ishizuka, T. (153) 213
Tanaka, T., see Nagata, M. (153) 185
Tanaka, T., see Yoshikawa, A. (148) 143
Tanigawa, T., see Ohmori, H. (147) 119
Taylor, D., see Linden, J. (151) 209
Taylor, D.C., Cripps, A.W. and Clancy, R.L.
Measurement of lysozyme by an enzyme-linked immunosorbent assay (146) 55
Taylor, M., see Hamblin, A. (146) 219
Tchikin, L.D., see Ivanov, V.S. (153) 229
Teisner, B., see Holmskov, U. (148) 225
Telfer, B.A., see De Caestecker, M.P. (154) 11
Ter Hart, H., see Van Rooijen, N. (151) 149
Terouanne, B., see Chikhaoui, Y. (150) 51
Thakur, M.L., DeFulvio, J., Tong, J., John, E., McDevitt, M.R. and Damjanov, I.
Evaluation of biological response modifiers in the enhancement of tumor uptake of technetium-99m labeled macromolecules. A preliminary report (152) 209
Thalhamer, J., see Hammerl, P. (151) 299
Thavasu, P.W., Longhurst, S., Joel, S.P., Slevin, M.L. and Balkwill, F.R.
Measuring cytokine levels in blood. Importance of anticoagulants, processing, and storage conditions (153) 115
The, T.H., see Schilizzi, B.M. (153) 49
Thierfelder, S., see Schuh, R. (152) 59
Thomas, N.D., see Jasani, B. (150) 193
Thomas, T.E., Abraham, S.J.R., Otter, A.J., Blackmore, E.W. and Lansdorp, P.M.
High gradient magnetic separation of cells on the basis of expression levels of cell surface antigens (154) 245
Thompson, E.J., see Sharief, M.K. (147) 51
Thompson, P.J., see Misso, N.L.A. (149) 183
Thorne, K.J.I., Richardson, B.A. and Butterworth, A.E.
Increased binding of urease by activated eosinophils. Reassessment of an ELISA for CD11b (149) 139
Thorne, K.J.I., Richardson, B.A., Mazza, G. and Butterworth, A.E.
A new method for measuring eosinophil activating factors, based on the increased expression of CR3 α chain (CD11b) on the surface of activated eosinophils. A correction (149) 137
Thornton, G.B., see Maruyama, T. (155) 65
Tidd, D.M., see Spiller, D.G. (149) 29
Tie, F., Pan, A., Ru, B., Wang, W. and Hu, Y.
An improved ELISA with linear sweep voltammetry detection (149) 115
Tô, L.-T. and Bernard, S.
Effect of fixation on the detection of transmissible gastroenteritis coronavirus antigens by the fixed-cell immunoperoxidase technique (154) 195
Todd, A.S., see Mazengera, R.L. (146) 121
Toes, R.E.M., see Ossevoort, M.A. (155) 101
Tomita, Y., Engelman, R.W., Bauer-Sardina, I., Day, N.K. and Good, R.A.
Improved enzyme immunosorbent assay for mouse prolactin using penicillinase as label (151) 269
Tomkins, P., Cooper, K., Webber, D. and Bowen, G.
The L929 cell bioassay for murine tumour necrosis factor is not influenced by other murine cytokines (151) 313
Tong, J., see Thakur, M.L. (152) 209
Topalian, S.L., see Alexander, R.B. (148) 131
Tosca, A., see Kroubouzos, G. (148) 261
Touraine, F., see Aboulker, J.P. (154) 155
Trees, A.J., see Hoare, J.A. (153) 161
Treves, A.J., see Peritt, D. (155) 159
Treves, A.J., see Peritt, D. (155) 167
Tribbick, G., see Maeji, N.J. (146) 83
Trizio, D., see Alzani, R. (152) 35
Tsolas, O., see Economou, M. (148) 87
Tsuda, F., see Yoshikawa, A. (148) 143
Turcatti, G., see Graber, P. (149) 215

Tzeng, J.-J., Barth, R.F. and Orosz, C.G.
Quantitation of glioma-reactive cytolytic T lymphocyte precursors by means of limiting dilution analysis (146) 177

U

Ueda, D., see Wada, Y. (154) 235
Umapathysivam, K., see Xu, H.J. (146) 241
Uphoff, C.C., Gignac, S.M. and Drexler, H.G.
Mycoplasma contamination in human leukemia cell lines. I. Comparison of various detection methods (149) 43
Uphoff, C.C., Gignac, S.M. and Drexler, H.G.
Mycoplasma contamination in human leukemia cell lines. II. Elimination with various antibiotics (149) 55

V

Vahlne, A., see Eriksson, K. (153) 107
Valls, A., see Romeu, M.A. (154) 7
Valmori, D., see Widmann, C. (155) 95
VanCott, T.C., Loomis, L.D., Redfield, R.R. and Birx, D.L.
Real-time biospecific interaction analysis of antibody reactivity to peptides from the envelope glycoprotein, gp160, of HIV-1 (146) 163
Van de Graaf, E.A., Jansen, H.M., Bakker, M.M., Alberts, C., Eeftinck Schattenkerk, J.-K.M. and Out, T.A.
ELISA of complement C3a in bronchoalveolar lavage fluid (147) 241
Vandenhoff, G.E., see Linden, J. (151) 209
Van der Velden-de Groot, T.A.M., see Coco-Martin, J.M. (155) 241
Van Erp, R., Linders, Y.E.M., Van Sommeren, A.P.G. and Gribnau, T.C.J.
Characterization of monoclonal antibodies physically adsorbed onto polystyrene latex particles (152) 191
Van Meel, F.C.M., see Steenbakkers, P.G.A. (152) 69
Van Rooijen, N., Ter Hart, H., Kraal, G., Kors, N. and Claassen, E.
Monoclonal antibody mediated targeting of enzymes. A comparative study using the mouse spleen as a model system (151) 149
Van Sande, M., see Ntakarutimana, V. (153) 133
Van Sommeren, A.P.G., see Van Erp, R. (152) 191
Varelzidis, A., see Kroubouzos, G. (148) 261
Vasandani, V.M., see Paul, A. (148) 151
Veenstra, H. and Dowdle, E.B.
Multi-well cell monolayers for immunocytochemistry. An alternative to cytocentrifuge preparations (146) 257
Vega, J.M., see Blanca, M. (153) 99
Veldhoven, C.H.A., Meilof, J.F., Huisman, J.G. and Smeenk, R.J.T.
The development of a quantitative assay for the detection of anti-Ro/SS-A and anti-LA/SS-B autoantibodies using purified recombinant proteins (151) 177
Verdaasdonk, M.A.M., see Havenith, C.E.G. (153) 73
Verdaguer, J., see Romeu, M.A. (154) 7
Vermeulen, A.N., see Vervelde, L. (151) 191
Vervelde, L., Vermeulen, A.N. and Jeurissen, S.H.M.
In situ immunocytochemical detection of cells containing antibodies specific for *Eimeria tenella* antigens (151) 191
Vessières, A., see Salmain, M. (148) 65
Veys, P., see Macey, M.G. (149) 37
Vides, M.A., see Zalazar, F.E. (152) 1
Vincent, A., see Hawke, S. (155) 41
Vitale, M., Zamai, L., Papa, S., Mazzotti, G., Facchini, A., Monti, G. and Manzoli, F.A.
Natural killer function in flow cytometry. III. Surface marker determination of K562-conjugated lymphocytes by dual laser flow cytometry (149) 189
Voelter, W., see Livaniou, E. (148) 9
Vogelmeier, C., see Padovan, C.S. (147) 27
Voitenok, N.N., see Ko, Y.-c. (149) 227
Vojtěšek, B., Bártek, J., Midgley, C.A. and Lane, D.P.
An immunochemical analysis of the human nuclear phosphoprotein p53. New monoclonal antibodies and epitope mapping using recombinant p53 (151) 237
Vollenweider, I. and Groscurth, P.
Comparison of four DNA staining fluorescence dyes for measuring cell proliferation of lymphokine-activated killer (LAK) cells (149) 133
Vuust, J., see Dziegiel, M. (155) 207

W

Wada, Y., Ikeda, H., Ueda, D., Ohta, M., Takahashi, S., Hirata, K., Sato, N. and Kikuchi, K.
In vitro proliferation and the cytotoxic specificity of a cryopreserved cytotoxic T cell clone reacting against human autologous tumor cells (154) 235
Walker, K.W., Llull, R., Balkian, G.K., Ko, H.S., Flores, K.M., Ramsamooj, R., Black, K.S., Hewitt, C.W. and Martin, D.C.
A rapid and sensitive cellular enzyme-linked immunoabsorbent assay (CELISA) for the detection and quantitation of antibodies against cell surface determinants. I. A comparison of cell fixation and storage techniques (154) 121

Walker, M.R., Bevan, L.J., Daniels, J., Rottier, M.M.A., Rapley, R. and Roberts, A.M.
Isolation and amplification of human IgE Fd encoding mRNA from human peripheral blood lymphocytes (149) 77
Walker, P.J., see Zakrzewski, H. (151) 289
Walsh, B., see Ma, J. (155) 121
Wanders, R.J.A., see Wiemer, E.A.C. (151) 165
Wang, W., see Tie, F. (149) 115
Ward, J.I., see Herrmann, D.J. (148) 101
Wasiliu, M., see Schuh, R. (152) 59
Watanabe, H., Ohtsuka, K., Kimura, M., Ikarashi, Y., Ohmori, K., Kusumi, A., Ohteki, T., Seki, S. and Abo, T.
Details of an isolation method for hepatic lymphocytes in mice (146) 145
Webber, D., see Tomkins, P. (151) 313
Weintraut, H., see Baumgärtner, W. (151) 309
Wenzel, B., see Rutenfranz, I. (148) 233
Westermann, J., see Grunwald, U. (155) 225
Wewers, M.D., see Herzyk, D.J. (148) 243
Whiteside, T.L., see Bryant, J. (146) 91
Whiteside, T.L., see Jost, L.M. (147) 153
Whittington, R.J.
Evaluation of a simple method for improving the precision of an ELISA detecting antibody in serum (148) 57
Wick, S.M., see McCune, C. (155) 267
Widmann, C., Romero, P., Maryanski, J.L., Corradin, G. and Valmori, D.
T helper epitopes enhance the cytotoxic response of mice immunized with MHC class I-restricted malaria peptides (155) 95
Wiemer, E.A.C., Ofman, R., Middelkoop, E., De Boer, M., Wanders, R.J.A. and Tager, J.M.
Production and characterisation of monoclonal antibodies against native and disassembled human catalase (151) 165
Wilkinson, P.C., see Newman, I. (147) 43
Willcox, N., see Hawke, S. (155) 41
Williams, D.G., see Williams, R.O. (147) 93
Williams, E.D., see Jasani, B. (150) 193
Williams, N.A., see Bailey, M. (153) 261
Williams, R.O., Williams, D.G. and Maini, R.N.
Anti-type II collagen ELISA. Increased disease specificity following removal of anionic contaminants from salt-fractionated type II collagen (147) 93
Williamson, A.M., see Reynolds, W.M. (151) 123
Wilson, A.D., see Bailey, M. (153) 261
Wilson, G.S., see Fernando, S.A. (151) 27
Wilson, G.S., see Fernando, S.A. (151) 47
Wilson, G.S., see Fernando, S.A. (151) 67
Wims, L.A., see Coloma, M.J. (152) 89
Wolf, H., see Madersbacher, S. (152) 9
Wong, P.K.Y., see Saha, K. (151) 307
Wong, W.L.T., see Rowland, A.M. (151) 87
Wood, P.R., see Jones, S.L. (155) 233
Wooldridge, M.A., see Rowland, A.M. (151) 87
Wu, W.-Y., see Kachab, E.H. (147) 33
Wunderlich, D., Lee, A., Fracasso, R.P., Mierz, D.V., Bayney, R.M. and Ramabhadran, T.V.
Use of recombinant fusion proteins for generation and rapid characterization of monoclonal antibodies. Application to the Kunitz domain of human β amyloid precursor protein (147) 1
Wyatt, D., see Coyle, P.V. (153) 81

X

Xu, H.J., Umapathysivam, K., McNeilage, J., Gordon, T.P. and Roberts-Thomson, P.J.
An enhanced chemiluminescence detection system combined with a modified immunoblot technique for the detection of low molecular weight IgM in sera from healthy adults and neonates (146) 241

Y

Yamasaki, M., see Yoshikawa, A. (148) 143
Yanai, P., see Peritt, D. (155) 159
Yanai, P., see Peritt, D. (155) 167
Yazawa, S. and Ohkawara, H.
A simple and sensitive method for the determination of blood group antigens in secretions (147) 21
Yewdell, J.W., see Eisenlohr, L.C. (154) 131
Yokochi, T., see Takahashi, K. (153) 67
Yokoyama, W.M., see Zumla, A. (149) 69
Yong Park, S., Kojima, M., Suzuki, H. and Shinohara, N.
Effective blocking of natural cytotoxicity of young rabbit serum on murine thymocytes by high concentration of glucose in complement-dependent cytotoxicity method (154) 109
Yoshida, T., see Hu, Z.-Q. (149) 173
Yoshikawa, A., Takahashi, K., Kishimoto, S., Tsuda, F., Akahane, Y., Naito, S., Tanaka, T., Yoshizawa, H., Yamasaki, M., Okamoto, H., Miyakawa, Y. and Mayumi, M.
Serodiagnosis of hepatitis C virus infection by ELISA for antibodies against the putative core protein ($p20^c$) expressed in *Escherichia coli* (148) 143
Yoshizaki, K., see Ogata, A. (148) 15
Yoshizawa, H., see Yoshikawa, A. (148) 143
You, W., see Huang, Z. (149) 261

Z

Zakrzewski, H., Cybinski, D.H. and Walker, P.J.
A blocking ELISA for the detection of specific antibodies to bovine ephemeral fever virus (151) 289
Zalazar, F.E., Chiabrando, G.A., Aldao, M.A.J. and Vides, M.A.
Parameters affecting the adsorption of ligands to polyvinyl chloride plates in enzyme immunoassays (152) 1
Zam, S.G., see Brigmon, R.L. (152) 135
Zamai, L., see Vitale, M. (149) 189
Zarrabi, M.H., see Zucker, S. (148) 189
Zecher, R., see Scheicher, C. (154) 253
Zegers, B., see Herrmann, D.J. (148) 101
Zhou, X., Berg, L., Motal, U.M.A. and Jondal, M.
In vivo primary induction of virus-specific CTL by immunization with 9-mer synthetic peptides (153) 193
Zhou, X., see Nair, S. (152) 237
Zhuo, Z., see Cunningham-Rundles, C. (152) 177
Zimmermann, F., see Lang, A.B. (154) 21
Zucker, S., Lysik, R.M., Gurfinkel, M., Zarrabi, M.H., Stetler-Stevenson, W., Liotta, L.A., Birkedal-Hansen, H. and Mann, W.
Immunoassay of type IV collagenase/gelatinase (MMP-2) in human plasma (148) 189
Zumla, A., Marguerie, C., So, A., Yokoyama, W.M., Saito, T., Batchelor, J.R. and Lechler, R.I.
Co-expression of human T cell receptor chains with mouse CD3 on the cell surface of a mouse T cell hybridoma (149) 69

Subject Index
Volumes 146–155
1992

A

Acoustic microstreaming
Diffusion; Insonation; ELISA; Probe-based assay; Incubation; Automation (Boraker, D.K. (155) 91)

Acridine orange
Proliferation assay; LAK cell; DNA staining; Fluorochrome; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Hoechst H33342 (Vollenweider, I. (149) 133)

Activation
Calcium; T lymphocyte; Flow cytometry; (Human) (Alexander, R.B. (148) 131)

Acute phase condition
Cathepsin-kininogen complex; Cathepsin; Kininogen; Cysteine proteinase inhibitor; ELISA (Takeda, A. (147) 217)

Adenosine 3′,5′ cyclic monophosphate
Enzyme immunoassay; Guanosine 3′,5′ cyclic monophosphate (Horton, J.K. (155) 31)

Adherence
Group B streptococcus; ELISA; Macrophage (Sloan, A.R. (154) 217)

Adhesion
Polymorphonuclear leukocyte; Chemotaxis; Boyden chamber; Separation method; Whole blood (Rice, J.E. (149) 121)

Adjuvant side effects
Freund's adjuvant; Ribi adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Antibody affinity; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Adrenalin
Catecholamine; Noradrenalin; Immunoassay (Murphy, J.F. (154) 89)

Adsorption
Solid phase; ELISA; Capture antibody; Denaturation; Poly (Butler, J.E. (150) 77)

Monoclonal antibody; Polystyrene latex particle; Low pH treatment (Van Erp, R. (152) 191)

Affinity
Hemolytic plaque-forming cell assay; Polysaccharide; Tetanus toxoid; Diphtheria toxoid; IgG; Avidity (Barington, T. (146) 129)

Biospecific interaction analysis (BIAcore); Antibody-antigen interaction; Polyclonal serum; HIV-1; gp160; Peptide (VanCott, T.C. (146) 163)

Monoclonal antibody; Second antibody; Immunoglobulin κ chain; Plasma, human; Plasma, rabbit; Immunoassay (Reed, G.L. (147) 111)

ELISA; Polyclonal antibody population (Bruderer, U. (151) 157)

Effector-target interaction; Conjugate frequency; Saturability; Natural killer cell (Garcia-Peñarrubia, P. (155) 133)

Affinity chromatography
Egg-yolk antibody; IgY; Immunized hen; Antibody purification; Transferrin; Nephelometry (Ntakarutimana, V. (153) 133)

Affinity purification
Streptococcus agalactiae; Group B streptococci; Oligosaccharide epitope; Trirhamnose, ELISA (Chalifour, R.J. (154) 69)

Agglutination
Microsphere; Blood group antigen; Blood typing; Saliva, human; Capillary tube (Yazawa, S. (147) 21)

Agonistic antibody
Staphylococcal protein A; Streptococcal protein G; B cell, human; CD43; CD40 (Jakobson, E. (152) 49)

AIDS
Branched peptide; Serodiagnosis; ELISA (Marsden, H.S. (147) 65)

Streptavidin-biotin interaction; Biotinylated peptide; Peptide-based ELISA; HIV-1/2 (Ivanov, V.S. (153) 229)

Alkaline phosphatase
ELISA; Linear sweep voltammetry; *p*-Nitrophenol (Tie, F. (149) 115)

ELISA, competitive; 2,4-Dinitrophenol; Anti-2,4-dinitrophenol; 3,6-Fluorescein diphosphate; *p*-Nitrophenyl phosphate (Huang, Z. (149) 261)

Targeting; Monoclonal antibody; Macrophage; Horseradish peroxidase; Coupling; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

Allergy
Immunoglobulin; Gene; cDNA; Polymerase chain reaction; Specificity repertoires (Walker, M.R. (149) 77)

Alloreactivity
Limiting dilution analysis; T helper cell; Primed and unprimed T cells (Deacock, S. (147) 83)

Allotype
^{13}C-NMR; Immunoglobulin (Kim, H.H. (153) 223)

α-Amidating enzyme
IgY chicken; ELISA, competitive (Sturmer, A.M. (146) 105)

Amplification
ELISA; Western blot (Bobrow, M.N. (150) 145)

Amplified immunoassay
Interleukin-1; ELISPOT; Avidin-biotin; Anti-peroxidase (Nordström, I. (150) 199)

β Amyloid
Fusion protein; Monoclonal antibody; Kunitz domain (Wunderlich, D. (147) 1)

Analogue
ELISA; Radioimmunoassay; Atrial natriuretic factor (Ingwersen, S.H. (149) 237)

Analyte
Two-step sandwich immunoassay; Antibody; Capture antibody; Labeled antibody; Epitope (Fernando, S.A. (151) 67)

Anti-α-galactosyl
Blood genital tract barrier; Seminal fluid; Transudation of antibodies; Rosetting anti-globulin test (Galili, U. (151) 117)

Antibodies against thymosin β_4, thymosin β_4[1–11], or thymosin β_4[1–14]
Thymosin β_4; Thymosin β_4[1–11]; Thymosin β_4[1–14]; Thymosin β_9; ELISA (Livaniou, E. (148) 9)

Antibody
Europium; Complement; Cytotoxicity; Cytolysis; Melanoma (Cui, J. (147) 13)

One-step sandwich immunoassay; Capture antibody; Labeled antibody; Capacity; 'Hook' effect (Fernando, S.A. (151) 47)

Two-step sandwich immunoassay; Analyte; Capture antibody; Labeled antibody; Epitope (Fernando, S.A. (151) 67)

Antibody affinity
Freund's adjuvant; Ribi adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Adjuvant side effects; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Binding constant; Screening; Photobleaching; Diffusion; Antigen expression (Kaufman, E.N. (155) 1)

Antibody-antigen interaction
Biospecific interaction analysis (BIAcore); Polyclonal serum; HIV-1; gp160; Peptide; Affinity (VanCott, T.C. (146) 163)

Antibody association constant
Graphical fitting method; Immunoreactive fraction; Immunological binding parameter; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Antibody capture ELISA
ELISA quality control; Precision; *Dichelobacter nodosus* (Whittington, R.J. (148) 57)

Antibody, chicken
Protein A leakage; Chromatography, affinity; Monoclonal antibody, murine; ELISA (Godfrey, M.A.J. (149) 21)

Antibody-containing cell
Immunocytochemical staining; In situ detection; *Eimeria tenella*; (Chicken) (Vervelde, L. (151) 191)

Antibody cross-reactivity
Tumor necrosis factor, guinea pig; Pulmonary inflammation (Ruppel-Kerr, R. (154) 179)

Antibody-dependent cell-mediated cytotoxicity
Macrophage; Erythrocyte; Phagocytosis; 2,7-Diaminofluorene (Gebran, S.J. (151) 255)

Antibody determination
Antigen determination; Immunoprecipitation; Microgravimetry (Pokrić, B. (148) 49)

Antibody-directed cellular cytotoxicity assay
Tumor antigen; Monoclonal antibody; Baculovirus recombinant (Nesbit, M. (151) 201)

Antibody elution
Escherichia coli antigen; Western blot; Chaotropic ion; Cross-reaction (Hammerl, P. (151) 299)

Antibody purification
Egg-yolk antibody; IgY; Immunized hen; Affinity chromatography; Transferrin; Nephelometry (Ntakarutimana, V. (153) 133)

Antibody-secreting cell
ELISA; CELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine (Sedgwick, J.D. (150) 159)

ELISPOT, amplified; HIV; (Monkey) (Eriksson, K. (153) 107)

Antibody specificity
ELISA; Protein adsorption to plastic; Protein denaturation; Cytochrome *c* (Schwab, C. (147) 125)

Antibody titer
Immunoadjuvant; TiterMax; Complete Freund's adjuvant (Bennett, B. (153) 31)

Anticoagulant
Blood collection; Spiked recombinant cytokine; Immunoassay; Stability; Recovery (Thavasu, P.W. (153) 115)

Anti-collagen antibody
ELISA; Proteoglycan; Pepsin; Rheumatoid arthritis (Williams, R.O. (147) 93)

Immune complex; Conglutinin; Systemic lupus erythematosus (Holmskov, U. (148) 225)

Anti-2,4-dinitrophenol
ELISA, competitive; 2,4-Dinitrophenol; Alkaline phosphatase; 3,6-Fluorescein diphosphate; *p*-Nitrophenyl phosphate (Huang, Z. (149) 261)

Antigen-antibody
Biotion-avidin; Fluorogenic luminescent substrate; Enzyme cascade; Non-specific signal (Avrameas, S. (150) 23)

Antigen detection
Magnetic bead; Microsphere; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Antigen determination
Immunoprecipitation; Microgravimetry; Antibody determination (Pokrić, B. (148) 49)

Antigen expression
Neutrophil; Flow cytometry; Preparative procedures (Macey, M.G. (149) 37)

Antibody affinity; Binding constant; Screening; Photobleaching; Diffusion (Kaufman, E.N. (155) 1)

Antigen presentation
Isolation procedure; Nylon wool column; Magnetic bead; Sephadex G-10; Dendritic cell; T cell (Havenith, C.E.G. (153) 73)

Cytotoxic T lymphocyte; Transfection; Vaccinia virus; T7 RNA polymerase (Eisenlohr, L.C. (154) 131)

Immunomagnetic particle; T cell stimulation; Human acetylcholine receptor (AChR); Autoreactive human T cell; Myasthenia gravis (Hawke, S. (155) 41)

Antigen presenting cell
Centrifugal elutriation; Dendritic cell; Mixed lymphocyte reaction; (Spleen); (Mouse) (Ossevoort, M.A. (155) 101)

Antigen specific
Lymphocyte proliferation; Serum-free medium; Mitogen; Mixed lymphocyte culture (Kaldjian, E.P. (147) 189)

Antigen-specific B cell
Hapten-carrier model; T helper hybridoma; In vitro immunization (Schilizzi, B.M. (153) 49)

Anti-idiotype
HIV-1; gp120; Monoclonal antibody; Repertoire cloning (Kasai, Y. (155) 77)

Anti-La/SS-B
Anti-Ro/SS-A; Recombinant antigen; ELISA; Autoantigen; Autoantibody (Veldhoven, C.H.A. (151) 177)

Anti-myeloperoxidase antibody
Anti-neutrophil cytoplasm antibody; Wegener's granulomatosis; Microscopic polyarteritis; Rapidly progressive glomerulonephritis (Chevailler, A. (147) 101)

Anti-neutrophil cytoplasm antibody
Wegener's granulomatosis; Microscopic polyarteritis; Rapidly progressive glomerulonephritis; Anti-myeloperoxidase antibody (Chevailler, A. (147) 101)

Antipeptide antibody
Conjugation method; Synthetic peptide; Simultaneous synthesis (Maeji, N.J. (146) 83)

Anti-peptide antibody
Peptide; Peptide-mannan conjugate; Specific antibody; ELISA (Okawa, Y. (149) 127)

Cystatin superfamily; Kininogen; Proteinase inhibitor (Lalmanach, G. (149) 197)

Anti-peroxidase
Interleukin-1; ELISPOT; Amplified immunoassay; Avidin-biotin (Nordström, I. (150) 199)

Anti-Ro/SS-A
Anti-La/SS-B; Recombinant antigen; ELISA; Autoantigen; Autoantibody (Veldhoven, C.H.A. (151) 177)

Anti-sperm cell-mediated immunity
Computer-assisted image analysis system; Infertility; Leukocyte migration inhibition factor assay (Dimitrov, D.G. (154) 147)

Anti-TNP antibody
Gel filtration; HPLC; Aromatic interaction; Hybridoma antibody (Michaelsen, T.E. (146) 9)

Apoenzyme reactivation immunoassay
Enzyme immunoassay; Enzyme-multiplied immunoassay technique; Substrate-labeled fluorescence immunoassay; Cofactor-labeled; Inhibitor-labeled (Jenkins, S.H. (150) 91)

Apoptosis
Tumor necrosis factor; *p*-Phenylenediamine (Salcedo, T.W. (148) 209)

CD23 (FcϵRII); Baculovirus; IgE (Graber, P. (149) 215)

Flow cytometry; Interleukin-3 (Ormerod, M.G. (153) 57)

Thymocyte; Multicolor flow cytometry (Hardin, J.A. (154) 99)

Aromatic interaction
Gel filtration; HPLC; Hybridoma antibody; Anti-TNP antibody (Michaelsen, T.E. (146) 9)

Artifact
Enzyme immunoassay; Limitation; Interference; Cross-reactivity; Homogeneous; Surface effect (Pesce, A.J. (150) 111)

Assay parameter
Assay principle; Bound-free separation; Marker enzyme; Conjugates-substrate reaction (Porstmann, T. (150) 5)

Assay principle
Bound-free separation; Marker enzyme; Conjugates-substrate reaction; Assay parameter (Porstmann, T. (150) 5)

Astroscan 2100 automated plate reader
ELISA, micro-; Fluorescein-di-β-D-galactopyranoside; Monoclonal antibody, mouse anti-HLA; Cell line (Sadler, A.M. (149) 11)

Atrial natriuretic factor
ELISA; Radioimmunoassay; Analogue (Ingwersen, S.H. (149) 237)

Autoantibody
Autoimmune disease; Autoantigen; T cell (Druet, P. (150) 177)

Anti-Ro/SS-A; Anti-La/SS-B; Recombinant antigen; ELISA; Autoantigen (Veldhoven, C.H.A. (151) 177)

Radioimmunoassay; Autoimmune thyroid disease; Insulin (Hegewald, M.J. (154) 61)

Autoantigen
Autoimmune disease; Autoantibody; T cell (Druet, P. (150) 177)

Anti-Ro/SS-A; Anti-La/SS-B; Recombinant antigen; ELISA; Autoantibody (Veldhoven, C.H.A. (151) 177)

Autoantigen blockage
Chromatography, high performance liquid; Monoclonal antibody preparation; Loss of antibody activity; Restoring antibody activity (Ma, J. (155) 121)

Autoimmune disease
Autoantigen; Autoantibody; T cell (Druet, P. (150) 177)

T cell receptor; (Antibody) (Basi, G.S. (155) 175)

Autoimmune thyroid disease
Radioimmunoassay; Insulin; Autoantibody (Hegewald, M.J. (154) 61)

Automated spectrofluorometer
Histamine; Radioimmunoassay; Single isotope enzymatic assay; Bronchoalveolar lavage fluid; (Lung) (Erger, R.A. (152) 115)

Automatic device
Lymphocyte number; Immunophenotyping; Quality control test; CD4 T lymphocyte; CD8 T lymphocyte (Aboulker, J.P. (154) 155)

Automation
Acoustic microstreaming; Diffusion; Insonation; ELISA; Probe-based assay; Incubation (Boraker, D.K. (155) 91)

Autoreactive human T cell
Immunomagnetic particle; T cell stimulation; Human acetylcholine receptor (AChR); Antigen presentation; Myasthenia gravis (Hawke, S. (155) 41)

Avidin
Magnetic bead; Membrane charge properties; Membrane carbohydrate binding site (Andreoni, C. (151) 249)

Avidin-biotin
Interleukin-1; ELISPOT; Amplified immunoassay; Anti-peroxidase (Nordström, I. (150) 199)

Avidin-biotin interaction
STa antibody immunoassay; STa enterotoxin; ELISA (Germani, Y. (146) 25)

Avidin-biotin system
Interleukin-4; ELISA; Enzyme amplification system (Ishizuka, T. (153) 213)

Avidity
Hemolytic plaque-forming cell assay; Polysaccharide; Tetanus toxoid; Diphtheria toxoid; IgG; Affinity (Barington, T. (146) 129)

B

Baculovirus
CD23 (FcϵRII); Apoptosis; IgE (Graber, P. (149) 215)

Baculovirus expression
Immunization; Monoclonal antibody; Lymphocyte cell surface antigen; Polymerase chain reaction (De Boer, M. (152) 15)

Baculovirus recombinant
Tumor antigen; Monoclonal antibody; Antibody-directed cellular cytotoxicity assay (Nesbit, M. (151) 201)

Basophilic granulocyte, human
Purification; Immunomagnetic bead (Mul, F.P.J. (149) 207)

B cell
Immunocytochemistry; Enzyme; Spleen; In situ; (Antibody) (Claassen, E. (150) 207)

Cross-reactivity; ELISPOT; Polyspecific; (Chamber); (Antigen) (Klinman, D.M. (152) 217)

B cell clone
Monoclonal antibody; Mini-electrofusion (Steenbakkers, P.G.A. (152) 69)

B cell, human
Staphylococcal protein A; Streptococcal protein G; Agonistic antibody; CD43; CD40 (Jakobson, E. (152) 49)

B cell malignancy
Dual fluorescence flow cytometry; Lymphocyte subsets; Surface immunoglobulin (Reynolds, W.M. (151) 123)

Benzyl penicilloyl hapten-human serum albumin conjugate
IgE antibody; Radioallergosorbent test; Benzyl penicilloyl hapten-poly-L-lysine conjugate (Blanca, M. (153) 99)

Benzyl penicilloyl hapten-poly-L-lysine conjugate
IgE antibody; Radioallergosorbent test; Benzyl penicilloyl hapten-human serum albumin conjugate (Blanca, M. (153) 99)

Binding
Dual laser flow cytometry; K562; Conjugate; $CD8^{dim}$; $CD8^{bright}$ (Vitale, M. (149) 189)

Binding constant
Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Antibody affinity; Screening; Photobleaching; Diffusion; Antigen expression (Kaufman, E.N. (155) 1)

Binding site
Binding constant; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Bioassay
Transforming growth factor β; Platelet (Merino, J. (153) 151)

Biological fluid
Lysozyme; Enzyme immunoassay (Taylor, D.C. (146) 55)

ELISA; Soluble CD14 (Grunwald, U. (155) 225)

Biological response modifiers
Technetium-99m-labeled macromolecule; Tumor uptake enhancement (Thakur, M.L. (152) 209)

Biomagnetic separation
$CD19^{+}$ B cell, human; Detachment (Rasmussen, A.-M. (146) 195)

Biospecific interaction analysis (BIAcore)
Antibody-antigen interaction; Polyclonal serum; HIV-1; gp160; Peptide; Affinity (VanCott, T.C. (146) 163)

Biosynthetic human growth hormone
Titration; Competitive; Cooperativity; Monoclonal antibody; Circular antigen-antibody complex (Fernando, S.A. (151) 27)

Biotin
Fcγ receptor; Phagocytosis; Monoclonal antibody; Streptavidin (Edberg, J.C. (148) 179)

Cleavable label; Electroblot (Hobart, M.J. (153) 93)

Biotin-avidin
Time-resolved fluoroimmunoassay; Europium; Prostaglandin (Lüke, F.J. (148) 217)

Biotinylated peptide
Streptavidin-biotin interaction; Peptide-based ELISA; HIV-1/2; AIDS (Ivanov, V.S. (153) 229)

Biotinylation
Monoclonal antibody; ELISA; Immunoadsorption; Western blot (Schuh, R. (152) 59)

Biotion-avidin
Antigen-antibody; Fluorogenic luminescent substrate; Enzyme cascade; Non-specific signal (Avrameas, S. (150) 23)

Blood collection
Anticoagulant; Spiked recombinant cytokine; Immunoassay; Stability; Recovery (Thavasu, P.W. (153) 115)

Blood genital tract barrier
Anti-α-galactosyl; Seminal fluid; Transudation of antibodies; Rosetting anti-globulin test (Galili, U. (151) 117)

Blood group antigen
Microsphere; Agglutination; Blood typing; Saliva, human; Capillary tube (Yazawa, S. (147) 21)

Blood typing
Microsphere; Blood group antigen; Agglutination; Saliva, human; Capillary tube (Yazawa, S. (147) 21)

B lymphocyte
Stimulation; Proliferation; Flow cytometry (Storek, J. (151) 261)

Bone marrow differentiation
Dendritic cell; Granulocyte-macrophage colony-stimulating factor; Immunomagnetic bead selection (Scheicher, C. (154) 253)

Bone marrow metastasis
Oncogene; MDR-1; Neuroblastoma (Gazitt, Y. (148) 171)

Bound-free separation
Assay principle; Marker enzyme; Conjugates-substrate reaction; Assay parameter (Porstmann, T. (150) 5)

Bovine ephemeral fever virus
ELISA, blocking; Monoclonal antibody (Zakrzewski, H. (151) 289)

Boyden chamber
Polymorphonuclear leukocyte; Chemotaxis; Separation method; Adhesion; Whole blood (Rice, J.E. (149) 121)

Brain protein
Immunoassay; Chemiluminescence; Dot-blot assay; Chromogranin A (Heinicke, E. (152) 227)

Brain-reactive autoantibody
ELISA; Systemic lupus erythematosus (Crimando, J. (149) 87)

Branched chain polypeptide carrier
Carrier-dependent antibody recognition of peptide epitopes (Hudecz, F. (147) 201)

Branched peptide
Serodiagnosis; AIDS; ELISA (Marsden, H.S. (147) 65)

5-Bromo-2-deoxyuridine
Proliferating lymphocyte subset; Flow cytometry (Carayon, P. (147) 225)

Bronchial asthma
Complement activation; Bronchoalveolar lavage fluid; Sarcoidosis; *Pneumocystis carinii* pneumonitis; Complement C3, C3a (Van de Graaf, E.A. (147) 241)

Bronchoalveolar lavage fluid
Flow cytometry; Lymphocyte; Immunoenzyme technique; (Antigen) (Padovan, C.S. (147) 27)

Complement activation; Bronchial asthma; Sarcoidosis; *Pneumocystis carinii* pneumonitis; Complement C3, C3a (Van de Graaf, E.A. (147) 241)

Histamine; Radioimmunoassay; Single isotope enzymatic assay; Automated spectrofluorometer; (Lung) (Erger, R.A. (152) 115)

C

C5a des Arg
Complement activation; ELISA; Monoclonal antibody (Bergh, K. (152) 79)

Calcein
Liposome immune lysis assay; Gelonin; Ricin; Ricin A chain (Paul, A. (148) 151)

Calcium
T lymphocyte; Activation; Flow cytometry; (Human) (Alexander, R.B. (148) 131)

Electroporation; Cytolytic T lymphocyte; Protein kinase C (Langlet, C. (151) 107)

Calculation of lytic units
Cytotoxicity assay; Natural killer cell assay (Bryant, J. (146) 91)

Candida albicans
ELISA; Specific IgG; Cell wall mannan; Primary antibody deficiency (Faux, J.A. (153) 167)

Capacity
One-step sandwich immunoassay; Antibody; Capture antibody; Labeled antibody; 'Hook' effect (Fernando, S.A. (151) 47)

Capillary tube
Microsphere; Blood group antigen; Agglutination; Blood typing; Saliva, human (Yazawa, S. (147) 21)

Capture antibody
Solid phase; ELISA; Adsorption; Denaturation; Poly (Butler, J.E. (150) 77)

One-step sandwich immunoassay; Antibody; Labeled antibody; Capacity; 'Hook' effect (Fernando, S.A. (151) 47)

Two-step sandwich immunoassay; Antibody; Analyte; Labeled antibody; Epitope (Fernando, S.A. (151) 67)

Carbohydrate
Periodate; Mucin; Epitope; Immunoperoxidese (Bara, J. (149) 105)

Carbohydrate heterogeneity
Monoclonal antibody; Lectin (Coco-Martin, J.M. (155) 241)

Carboxyfluorescein diacetate
Cytotoxic assay; Fluorimetric analysis (Provinciali, M. (155) 19)

4-(Carboxymethylmercapto) testosterone
Sandwich immunoassay; Testosterone dimer; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; Testosterone-17-hemisuccinate; Cross-reactivity; 5α-Dihydrotestosterone (Sengupta, J. (147) 181)

Carrier-dependent antibody recognition of peptide epitopes
Branched chain polypeptide carrier (Hudecz, F. (147) 201)

Catalase
Monoclonal antibody; Peroxisome; Peroxisomal biogenesis (Wiemer, E.A.C. (151) 165)

Catecholamine
Adrenalin; Noradrenalin; Immunoassay (Murphy, J.F. (154) 89)

Cathepsin
Cathepsin-kininogen complex; Kininogen; Cysteine proteinase inhibitor; ELISA; Acute phase condition (Takeda, A. (147) 217)

Cathepsin-kininogen complex
Cathepsin; Kininogen; Cysteine proteinase inhibitor; ELISA; Acute phase condition (Takeda, A. (147) 217)

Cationic liposome
Class I major histocompatibility complex antigen; Ovalbumin; Polylysine; Phorbol ester (Nair, S. (152) 237)

CD3
T cell antigen receptor; Transfection; T cell activation (Zumla, A. (149) 69)

CD8bright
Dual laser flow cytometry; K562; Conjugate; Binding; $CD8^{dim}$ (Vitale, M. (149) 189)

CD8dim
Dual laser flow cytometry; K562; Conjugate; Binding; $CD8^{bright}$ (Vitale, M. (149) 189)

CD40
Staphylococcal protein A; Streptococcal protein G; Agonistic antibody; B cell, human; CD43 (Jakobson, E. (152) 49)

CD43
Staphylococcal protein A; Streptococcal protein G; Agonistic antibody; B cell, human; CD40 (Jakobson, E. (152) 49)

CD62
Granule membrane protein-140; Monoclonal antibody; Enzyme immunoassay; Plasma; P-Selectin (Katayama, M. (153) 41)

CD11a / CD18
Leukocyte cellular adhesion molecule; Flow cytometry; Polymorph; Lymphocyte; Monocyte (Hamblin, A. (146) 219)

$CD19^+$ B cell, human
Biomagnetic separation; Detachment (Rasmussen, A.-M. (146) 195)

CD23 (FcεRII)
Baculovirus; Apoptosis; IgE (Graber, P. (149) 215)

CD45RO
Immunomagnetic; Microbeads; Dynabeads; UCHL1; Magnetic cell sorter (Manyonda, I.T. (149) 1)

$CD8^+$ suppressor T cell clone
Major histocompatibility complex restriction; Vβ8 family; Soluble suppressor molecule (Hu, F.-y. (152) 123)

CD4 T lymphocyte
Lymphocyte number; Immunophenotyping; Quality control test; CD8 T lymphocyte; Automatic device (Aboulker, J.P. (154) 155)

CD8 T lymphocyte
Lymphocyte number; Immunophenotyping; Quality control test; CD4 T lymphocyte; Automatic device (Aboulker, J.P. (154) 155)

CEDIA assay
Enzyme immunoassay, homogeneous; Drug monitoring (Engel, W.D. (150) 99)

CELISA
ELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

ELISA; Cell binding reagents; Cell fixation; Cell surface determinants (Walker, K.W. (154) 121)

Cell adherence
Colorimetric microtiter assay; Cytotoxin; Monocyte, human; Methylene blue (Keisari, Y. (146) 155)

ICAM-1; LFA-1; Cell separation; Fusion protein; Immunomagnetic bead (Hedman, H. (146) 203)

Cell binding reagents
CELISA; ELISA; Cell fixation; Cell surface determinants (Walker, K.W. (154) 121)

Cell culture
Pregnancy; Immunology; Placenta; Mononuclear cell (Rasheed, F.N. (146) 185)

DNA determination; Fluorescence (Goppelt-Struebe, M. (151) 245)

Cell culture medium
Monoclonal antibody; Partitioning; Two-phase system; Thiophilic adsorption (Sulk, B. (149) 165)

Cell fixation
Monoclonal antibody; Immunoreactive fraction; Cytoplasmic antigen (Haisma, H.J. (154) 55)

CELISA; ELISA; Cell binding reagents; Cell surface determinants (Walker, K.W. (154) 121)

Cell growth
Immunomagnetic; Cell separation; Dynabeads; Differentiation; SSEA-1; Flow cytometry (Swann, I.D. (152) 245)

Cell line
ELISA, micro-; Fluorescein-di-β-D-galactopyranoside; Astroscan 2100 automated plate reader; Monoclonal antibody, mouse anti-HLA (Sadler, A.M. (149) 11)

Mycoplasma; Leukemia; Detection (Uphoff, C.C. (149) 43)

Mycoplasma; Leukemia; Elimination (Uphoff, C.C. (149) 55)

Hybridoma, human; Selection method (Hundhausen, T. (153) 21)

Cell-mediated cytolysis
Colorimetric assay; Kinetics; Peptide antigen; Major histocompatibility complex antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Cell separation
Cell adherence; ICAM-1; LFA-1; Fusion protein; Immunomagnetic bead (Hedman, H. (146) 203)

Colorectal tumor cell; Tumor infiltrating leukocyte; Monoclonal antibody HEA125; Epithelium specific; Immunomagnetic bead (Kemmner, W. (147) 197)

Immunomagnetic; Dynabeads; Differentiation; Cell growth; SSEA-1; Flow cytometry (Swann, I.D. (152) 245)

Magnetic separation, high gradient; Ferrofluid (Thomas, T.E. (154) 245)

Cell sorting
Colorectal tumor; Tumor infiltrating lymphocyte (Durrant, L.G. (147) 57)

Cell surface
ELISA; CELISA; cell-ELISA; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

Cell surface antigen
Binding constant; Binding site; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Cell surface determinants
CELISA; ELISA; Cell binding reagents; Cell fixation (Walker, K.W. (154) 121)

Cell tracking dye
PKH-2; Multiparameter flow cytometry (Festin, R. (154) 47)

Cellular cytotoxicity assay
Colorimetric; Melanoma; Natural killer cell; Tetrazolium; XTT (Jost, L.M. (147) 153)

Cell wall mannan
ELISA; Specific IgG; *Candida albicans*; Primary antibody deficiency (Faux, J.A. (153) 167)

Central nervous system infections
Interleukin-2; ELISA; Cerebrospinal fluid; Intrathecal synthesis (Sharief, M.K. (147) 51)

Centrifugal elutriation
Dendritic cell; Antigen presenting cell; Mixed lymphocyte reaction; (Spleen); (Mouse) (Ossevoort, M.A. (155) 101)

Cerebrospinal fluid
Interleukin-2; ELISA; Central nervous system infections; Intrathecal synthesis (Sharief, M.K. (147) 51)

Chaotropic ion
Escherichia coli antigen; Western blot; Antibody elution; Cross-reaction (Hammerl, P. (151) 299)

Chelating agent
Magnetizable carrier; Immunoenzymometric assay (Löster, K. (148) 41)

Chemiluminescence
Immunoassay; Dot-blot assay; Chromogranin A; Brain protein (Heinicke, E. (152) 227)

NADPH oxidase; Chronic granulomatous disease (Porter, C.D. (155) 151)

Chemotaxis
Granulocyte; Image analysis (Azzarà, A. (148) 29)

Polymorphonuclear leukocyte; Boyden chamber; Separation method; Adhesion; Whole blood (Rice, J.E. (149) 121)

Chimeric antibody
Expression vector; Polymerase chain reaction; Immunoglobulin expression (Coloma, M.J. (152) 89)

Chimeric protein A / protein G
Chimeric protein G/alkaline phosphatase; pGEX; Reporter molecule (Sun, S. (152) 43)

Chimeric protein G / alkaline phosphatase
Chimeric protein A/protein G; pGEX; Reporter molecule (Sun, S. (152) 43)

Chloroquine
Phagocytosis (quantitative study of); Yeast; α-Mannan; Cytochalasin B (Giaimis, J. (154) 185)

Chromatography, affinity
Protein A leakage; Monoclonal antibody, murine; Antibody, chicken; ELISA (Godfrey, M.A.J. (149) 21)

Chromatography, high performance electrophoresis
Major histocompatibility complex class II chain; Preparative electroelution; Peptide binding (Passmore, D. (155) 193)

Chromatography, high performance liquid
Monoclonal antibody preparation; Loss of antibody activity; Autoantigen blockage; Restoring antibody activity (Ma, J. (155) 121)

^{51}Chromium
Long term cytotoxic assay; Prelabeling; Methionine, [^{35}S]- (Katz, A. (149) 255)

Chromogranin A
Immunoassay; Chemiluminescence; Dot-blot assay; Brain protein (Heinicke, E. (152) 227)

Chronic granulomatous disease
NADPH oxidase; Chemiluminescence (Porter, C.D. (155) 151)

Chronic infection
Hepatitis B virus; Hepatitis B surface antigen; Hepatitis B e antigen (Maruyama, T. (155) 65)

Circle assay
Hybridoma screening; ELISA, cellular; Immunocytochemistry (Balogh, P. (153) 141)

Circular antigen-antibody complex
Biosynthetic human growth hormone; Titration; Competitive; Cooperativity; Monoclonal antibody (Fernando, S.A. (151) 27)

Circulating anodic antigen
Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Class and subclass switch
ELISA spot assay; Monoclonal antibody (Spira, G. (148) 121)

Class I major histocompatibility complex antigen
Ovalbumin; Cationic liposome; Polylysine; Phorbol ester (Nair, S. (152) 237)

Cleavable label
Biotin; Electroblot (Hobart, M.J. (153) 93)

Cocktail conjugate
ELISA, one-step; IIbIIIa; Epitope mapping (Rowland, A.M. (151) 87)

Cofactor-labeled
Enzyme immunoassay; Enzyme-multiplied immunoassay technique; Substrate-labeled fluorescence immunoassay; Apoenzyme reactivation immunoassay; Inhibitor-labeled (Jenkins, S.H. (150) 91)

Colloidal gold agglutination
Monoclonal antibody; Hemoglobin; Fecal blood (Nagata, M. (153) 185)

Colorectal tumor
Tumor infiltrating lymphocyte; Cell sorting (Durrant, L.G. (147) 57)

Colorectal tumor cell
Cell separation; Tumor infiltrating leukocyte; Monoclonal antibody HEA125; Epithelium specific; Immunomagnetic bead (Kemmner, W. (147) 197)

Colorimetric
Cellular cytotoxicity assay; Melanoma; Natural killer cell; Tetrazolium; XTT (Jost, L.M. (147) 153)

Colorimetric assay
Cell-mediated cytolysis; Kinetics; Peptide antigen; Major histocompatibility complex antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Colorimetric microtiter assay
Cytotoxin; Monocyte, human; Cell adherence; Methylene blue (Keisari, Y. (146) 155)

Competitive
Biosynthetic human growth hormone; Titration; Cooperativity; Monoclonal antibody; Circular antigen-antibody complex (Fernando, S.A. (151) 27)

Competitive inhibition
Spacer; Hapten; ELISA; Conjugate (Kachab, E.H. (147) 33)

Complement
Europium; Cytotoxicity; Antibody; Cytolysis; Melanoma (Cui, J. (147) 13)

Complement receptor; Monoclonal antibody (Henwick, S. (153) 173)

Natural antibody; Cytotoxicity assay; Glycosphingolipid; (Rabbit) (Yong Park, S. (154) 109)

Enzyme immunoassay; IgM antibody, rabbit; Sensitivity (Kuhn, H.-M. (155) 201)

Complement activation
Bronchoalveolar lavage fluid; Bronchial asthma; Sarcoidosis; *Pneumocystis carinii* pneumonitis; Complement C3, C3a (Van de Graaf, E.A. (147) 241)

C5a des Arg; ELISA; Monoclonal antibody (Bergh, K. (152) 79)

Complement C3, C3a
Complement activation; Bronchoalveolar lavage fluid; Bronchial asthma; Sarcoidosis; *Pneumocystis carinii* pneumonitis (Van de Graaf, E.A. (147) 241)

Complement receptor
Complement; Monoclonal antibody (Henwick, S. (153) 173)

Complete Freund's adjuvant
Immunoadjuvant; TiterMax; Antibody titer (Bennett, B. (153) 31)

Computer-assisted image analysis system
Anti-sperm cell-mediated immunity; Infertility; Leukocyte migration inhibition factor assay (Dimitrov, D.G. (154) 147)

Computer program
Microplate; Immunomodulation test; Planning and evaluation (Siman, P. (146) 1)

Conformation
proIL-1β; Immunodetection; Epitope; ELISA (Herzyk, D.J. (148) 243)

Conglutinin
Immune complex; Anti-collagen antibody; Systemic lupus erythematosus (Holmskov, U. (148) 225)

Conjugate
Spacer; Hapten; Competitive inhibition; ELISA (Kachab, E.H. (147) 33)

Dual laser flow cytometry; K562; Binding; $CD8^{dim}$; $CD8^{bright}$ (Vitale, M. (149) 189)

Conjugate frequency
Effector-target interaction; Saturability; Affinity; Natural killer cell (Garcia-Peñarrubia, P. (155) 133)

Conjugates-substrate reaction
Assay principle; Bound-free separation; Marker enzyme; Assay parameter (Porstmann, T. (150) 5)

Conjugation method
Synthetic peptide; Simultaneous synthesis; Antipeptide antibody (Maeji, N.J. (146) 83)

Convection
Heterogeneous immunoassay; Microplate; Washing; Diffusion (Beumer, T. (154) 77)

Cooperativity
Biosynthetic human growth hormone; Titration; Competitive; Monoclonal antibody; Circular antigen-antibody complex (Fernando, S.A. (151) 27)

Coupling
Targeting; Monoclonal antibody; Alkaline phosphatase; Macrophage; Horseradish peroxidase; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

Helper T cell epitope; Fragment condensation; Multiple antigenic peptide; Vaccine (McLean, G.W. (155) 113)

Creatinine kinase
Freund's adjuvant; Ribi adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Antibody affinity; Adjuvant side effects; Granuloma; (Rabbit) (Deeb, B.J. (152) 105)

Cross-reaction
Escherichia coli antigen; Western blot; Antibody elution; Chaotropic ion (Hammerl, P. (151) 299)

Cross-reactivity
Sandwich immunoassay; Testosterone dimer; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; 5α-Dihydrotestosterone (Sengupta, J. (147) 181)

Enzyme immunoassay; Artifact; Limitation; Interference; Homogeneous; Surface effect (Pesce, A.J. (150) 111)

B cell; ELISPOT; Polyspecific; (Chamber); (Antigen) (Klinman, D.M. (152) 217)

Cryopreservation
Lymphocyte subsets; Flow cytometry; Ficoll-Paque (Romeu, M.A. (154) 7)

Cytotoxic T lymphocyte; Human autologous tumor; Lymphocyte (Wada, Y. (154) 235)

Cryptococcus neoformans
Monoclonal antibody, mouse; Immunoglobulin, mouse; ELISA; Polysaccharide, cryptococcal (Casadevall, A. (154) 27)

Culture supernatant
Ultrafiltration; Monoclonal antibody (Saha, K. (151) 307)

Cyclic adenosine 3′,5′-monophosphate
ELISA; Plated anti-immunoglobin; ELISA, competitive (Linden, J. (151) 209)

Cymantrene
Non-radioisotopic immunoassay; Metal carbonyl tracer; Fourier transform infrared spectroscopy; Phenobarbital (Salmain, M. (148) 65)

Cystatin superfamily
Kininogen; Proteinase inhibitor; Anti-peptide antibody (Lalmanach, G. (149) 197)

Cysteine proteinase inhibitor
Cathepsin-kininogen complex; Cathepsin; Kininogen; ELISA; Acute phase condition (Takeda, A. (147) 217)

Cytochalasin B
Phagocytosis (quantitative study of); Yeast; α-Mannan; Chloroquine (Giaimis, J. (154) 185)

Cytochrome *c*
ELISA; Antibody specificity; Protein adsorption to plastic; Protein denaturation (Schwab, C. (147) 125)

Cytokine
Dissociation-enhanced lanthanide fluoroimmunoassay; Time-resolved fluoroimmunoassay; Tumor necrosis factor α; Interleukin-6 (Ogata, A. (148) 15)

Polymerase chain reaction; Interleukin-3 receptor, murine (Fung, M.-C. (149) 97)

ELISA; CELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

Polymerase chain reaction; Gene; Quantitation (Carding, S.R. (151) 277)

Two color immunofluorescence flow cytometry; Monocyte (De Caestecker, M.P. (154) 11)

Late phase allergic reaction; Nasal mucosa; Filter strip (Alam, R. (155) 25)

Cytolysis
Europium; Complement; Cytotoxicity; Antibody; Melanoma (Cui, J. (147) 13)

Cytolytic T lymphocyte
Electroporation; Protein kinase C; Calcium (Langlet, C. (151) 107)

Cytoplasmic
Immunocytochemistry; Islet cell; (Antibody) (Marshall, M.O. (149) 63)

Cytoplasmic antigen
Monoclonal antibody; Cell fixation; Immunoreactive fraction (Haisma, H.J. (154) 55)

Cytotoxic assay
Fluorimetric analysis; Carboxyfluorescein diacetate (Provinciali, M. (155) 19)

Cytotoxicity
Europium; Complement; Antibody; Cytolysis; Melanoma (Cui, J. (147) 13)

Cytotoxicity assay
Natural killer cell assay; Calculation of lytic units (Bryant, J. (146) 91)

Natural antibody; Complement; Glycosphingolipid; (Rabbit) (Yong Park, S. (154) 109)

Cytotoxic T lymphocyte
Enzyme release assay; DNA transfection; β-Galactosidase (Ohmori, H. (147) 119)

Influenza A virus; Synthetic peptide; Immunization (Zhou, X. (153) 193)

Transfection; Vaccinia virus; Antigen presentation; T7 RNA polymerase (Eisenlohr, L.C. (154) 131)

Human autologous tumor; Cryopreservation; Lymphocyte (Wada, Y. (154) 235)

Immune response; Helper epitope; Synthetic peptide; Malaria (Widmann, C. (155) 95)

Cytotoxin
Colorimetric microtiter assay; Monocyte, human; Cell adherence; Methylene blue (Keisari, Y. (146) 155)

D

Data analysis
Statistical method; Lymphoproliferation assay; Responder (Bennett, S. (146) 229)

Defined medium
Monocyte; Monokine; Differentiation; Surface antigen (Bennett, S. (153) 201)

DELFIA
Europium; Streptavidin; Time-resolved fluorometry; Fluoroimmunoassay; Follicle stimulating hormone; Thyroid stimulating hormone (Suonpää, M. (149) 247)

Denaturation
Solid phase; ELISA; Capture antibody; Adsorption; Poly (Butler, J.E. (150) 77)

Dendritic cell
Isolation procedure; Nylon wool column; Magnetic bead; Sephadex G-10; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

Bone marrow differentiation; Granulocyte-macrophage colony-stimulating factor; Immunomagnetic bead selection (Scheicher, C. (154) 253)

Centrifugal elutriation; Antigen presenting cell; Mixed lymphocyte reaction; (Spleen); (Mouse) (Ossevoort, M.A. (155) 101)

Densitometer
Microchemotaxis chamber; Polymorphonuclear leukocyte; Quantification (Misso, N.L.A. (149) 183)

Detachment
$CD19^+$ B cell, human; Biomagnetic separation (Rasmussen, A.-M. (146) 195)

Detection
Mycoplasma; Cell line; Leukemia (Uphoff, C.C. (149) 43)

Detergent extracts
ELISA; Human blood group A; Octyl-β-D-glucopyranoside; Freeze-thaw effects (Chapman, V. (149) 147)

Dextran carrier
ELISA; Monoclonal antibody; *s*-Triazine quantification (Böcher, M. (151) 1)

Diagnostics
Tropical disease; Immunodiagnostic kits (Talwar, G.P. (150) 121)

4,6-Diamidine-2-phenylindol-dihydrochloride
Proliferation assay; LAK cell; DNA staining; Fluorochrome; Propidium iodide; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

2,7-Diaminofluorene
Macrophage; Erythrocyte; Phagocytosis; Antibody-dependent cell-mediated cytotoxicity (Gebran, S.J. (151) 255)

Dichelobacter nodosus
ELISA quality control; Precision; Antibody capture ELISA (Whittington, R.J. (148) 57)

Differentiation
Immunomagnetic; Cell separation; Dynabeads; Cell growth; SSEA-1; Flow cytometry (Swann, I.D. (152) 245)

Defined medium; Monocyte; Monokine; Surface antigen (Bennett, S. (153) 201)

Diffusion
Heterogeneous immunoassay; Microplate; Washing; Convection (Beumer, T. (154) 77)

Antibody affinity; Binding constant; Screening; Photobleaching; Antigen expression (Kaufman, E.N. (155) 1)

Acoustic microstreaming; Insonation; ELISA; Probe-based assay; Incubation; Automation (Boraker, D.K. (155) 91)

5α-Dihydrotestosterone
Sandwich immunoassay; Testosterone dimer; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity (Sengupta, J. (147) 181)

2,4-Dinitrophenol
ELISA, competitive; Anti-2,4-dinitrophenol; Alkaline phosphatase; 3,6-Fluorescein diphosphate; *p*-Nitrophenyl phosphate (Huang, Z. (149) 261)

Dinitrophenyl
Immunoperoxidase; Dinitrophenyl-hapten procedure; Dinitrophenyl localization system; Immunolocalization; Immunoassay (Jasani, B. (150) 193)

Dinitrophenyl-hapten procedure
Dinitrophenyl; Immunoperoxidase; Dinitrophenyl localization system; Immunolocalization; Immunoassay (Jasani, B. (150) 193)

Dinitrophenyl localization system
Dinitrophenyl; Immunoperoxidase; Dinitrophenyl-hapten procedure; Immunolocalization; Immunoassay (Jasani, B. (150) 193)

Diphtheria toxoid
Hemolytic plaque-forming cell assay; Polysaccharide; Tetanus toxoid; IgG; Affinity; Avidity (Barington, T. (146) 129)

Direct enzyme immunoassay
Testosterone (Dhar, T.K. (147) 167)

Dissociation-enhanced lanthanide fluoroimmunoassay
Time-resolved fluoroimmunoassay; Tumor necrosis factor α; Interleukin-6; Cytokine (Ogata, A. (148) 15)

cDNA
Immunoglobulin; Gene; Polymerase chain reaction; Specificity repertoires; Allergy (Walker, M.R. (149) 77)

DNA determination
Fluorescence; Cell culture (Goppelt-Struebe, M. (151) 245)

DNA enzyme immunoassay
Polymerase chain reaction; T cell receptor (Bettinardi, A. (146) 71)

DNA fragmentation
Flow cytometry; Thymocyte apoptosis; Lymphocyte irradiation (Ojeda, F. (152) 171)

DNase I
Inhibitor; Enzyme assay; Immunoassay; Serum assay; Endogenous DNase (Gibson, U.E.M. (155) 249)

DNA staining
Proliferation assay; LAK cell; Fluorochrome; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

DNA transfection
Cytotoxic T lymphocyte; Enzyme release assay; β-Galactosidase (Ohmori, H. (147) 119)

Dose-response curve
IgG; IgG subclass; Monoclonal antibody; Immunoassay (Hvatum, M. (148) 77)

Dot-blot assay
Immunoassay; Chemiluminescence; Chromogranin A; Brain protein (Heinicke, E. (152) 227)

Dried blood spot
HIV-1; Western blot; Seroprevalence (Granade, T.C. (154) 225)

Drug monitoring
CEDIA assay; Enzyme immunoassay, homogeneous (Engel, W.D. (150) 99)

Dual fluorescence flow cytometry
B cell malignancy; Lymphocyte subsets; Surface immunoglobulin (Reynolds, W.M. (151) 123)

Dual laser flow cytometry
K562; Conjugate; Binding; $CD8^{dim}$; $CD8^{bright}$ (Vitale, M. (149) 189)

Dynabeads
Immunomagnetic; Microbeads; CD45RO; UCHL1; Magnetic cell sorter (Manyonda, I.T. (149) 1)

Immunomagnetic; Cell separation; Differentiation; Cell growth; SSEA-1; Flow cytometry (Swann, I.D. (152) 245)

E

Effector-target interaction
Conjugate frequency; Saturability; Affinity; Natural killer cell (Garcia-Peñarrubia, P. (155) 133)

Egg-yolk antibody
IgY; Immunized hen; Antibody purification; Affinity chromatography; Transferrin; Nephelometry (Ntakarutimana, V. (153) 133)

Eimeria tenella
Immunocytochemical staining; Antibody-containing cell; In situ detection; (Chicken) (Vervelde, L. (151) 191)

IgA; Monoclonal antibody; Parasite (Hoare, J.A. (153) 161)

Electroblot
Biotin; Cleavable label (Hobart, M.J. (153) 93)

Electroporation
Cytolytic T lymphocyte; Protein kinase C; Calcium (Langlet, C. (151) 107)

Lucifer Yellow; Lymphocyte; Organic anion transport; Probenecid (Dinchuk, J.E. (155) 257)

Elimination
Mycoplasma; Cell line; Leukemia (Uphoff, C.C. (149) 55)

ELISA
STa antibody immunoassay; STa enterotoxin; Avidin-biotin interaction (Germani, Y. (146) 25)

Isotype variant; Neuroblastoma, anti-human (D'Uscio, C. (146) 63)

Spacer; Hapten; Competitive inhibition; Conjugate (Kachab, E.H. (147) 33)

Interleukin-2; Cerebrospinal fluid; Central nervous system infections; Intrathecal synthesis (Sharief, M.K. (147) 51)

Branched peptide; Serodiagnosis; AIDS (Marsden, H.S. (147) 65)

Anti-collagen antibody; Proteoglycan; Pepsin; Rheumatoid arthritis (Williams, R.O. (147) 93)

Antibody specificity; Protein adsorption to plastic; Protein denaturation; Cytochrome *c* (Schwab, C. (147) 125)

Cathepsin-kininogen complex; Cathepsin; Kininogen; Cysteine proteinase inhibitor; Acute phase condition (Takeda, A. (147) 217)

Magnetic bead; Microsphere; Antigen detection; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Thymosin β_4; Thymosin β_4[1–11]; Thymosin β_4[1–14]; Antibodies against thymosin β_4, thymosin β_4[1–11], or thymosin β_4[1–14]; Thymosin β_9 (Livaniou, E. (148) 9)

Parathymosin; Thymic polypeptide (Economou, M. (148) 87)

Haemophilus influenzae type b; Polyribosylribitol phosphate; Poly-L-lysine; Monoclonal antibody (Herrmann, D.J. (148) 101)

Hepatitis C virus; Non-A, non-B hepatitis; Post-transfusion hepatitis; Viral core protein (Yoshikawa, A. (148) 143)

Type IV collagenase; Gelatinase; Plasma; Pregnancy (Zucker, S. (148) 189)

proIL-1β; Immunodetection; Epitope; Conformation (Herzyk, D.J. (148) 243)

Radioimmunoassay; Monoclonal antibody; Interleukin-1β; Interleukin-1 receptor antagonist (Dinarello, C.A. (148) 255)

Protein A leakage; Chromatography, affinity; Monoclonal antibody, murine; Antibody, chicken (Godfrey, M.A.J. (149) 21)

Brain-reactive autoantibody; Systemic lupus erythematosus (Crimando, J. (149) 87)

Linear sweep voltammetry; Alkaline phosphatase; *p*-Nitrophenol (Tie, F. (149) 115)

Anti-peptide antibody; Peptide; Peptide-mannan conjugate; Specific antibody (Okawa, Y. (149) 127)

Human blood group A; Octyl-β-D-glucopyranoside; Detergent extracts; Freeze-thaw effects (Chapman, V. (149) 147)

Interleukin-8; Radioimmunoassay; Monoclonal antibody (Ko, Y.-c. (149) 227)

Radioimmunoassay; Atrial natriuretic factor; Analogue (Ingwersen, S.H. (149) 237)

Solid phase; Capture antibody; Adsorption; Denaturation; Poly (Butler, J.E. (150) 77)

Western blot; Amplification (Bobrow, M.N. (150) 145)

CELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

Dextran carrier; Monoclonal antibody; *s*-Triazine quantification (Böcher, M. (151) 1)

HIV; Simian immunodeficiency virus glycoprotein; *Galanthus nivalis* lectin (Mahmood, N. (151) 9)

HLA class II molecule; Peptide antibody; In vitro immunization; Immunoblotting; FACS analysis (Petersen, J.S. (151) 15)

Affinity; Polyclonal antibody population (Bruderer, U. (151) 157)

Anti-Ro/SS-A; Anti-La/SS-B; Recombinant antigen; Autoantigen; Autoantibody (Veldhoven, C.H.A. (151) 177)

Cyclic adenosine 3′,5′-monophosphate; Plated anti-immunoglobin; ELISA, competitive (Linden, J. (151) 209)

Horseradish peroxidase; Monoclonal antibody; Human follicle stimulating hormone; Human chorionic gonadotropin (Madersbacher, S. (152) 9)

Monoclonal antibody; Biotinylation; Immunoadsorption; Western blot (Schuh, R. (152) 59)

C5a des Arg; Complement activation; Monoclonal antibody (Bergh, K. (152) 79)

Monoclonal antibody; *Salmonella enteritidis*; Environmental samples (Brigmon, R.L. (152) 135)

Lipopolysaccharide; Poly-L-lysine; Polymyxin B (Takahashi, K. (153) 67)

Specific IgG; Cell wall mannan; *Candida albicans*; Primary antibody deficiency (Faux, J.A. (153) 167)

Interleukin-4; Avidin-biotin system; Enzyme amplification system (Ishizuka, T. (153) 213)

Cryptococcus neoformans; Monoclonal antibody, mouse; Immunoglobulin, mouse; Polysaccharide, cryptococcal (Casadevall, A. (154) 27)

CELISA; Cell binding reagents; Cell fixation; Cell surface determinants (Walker, K.W. (154) 121)

Group B streptococcus; Macrophage; Adherence (Sloan, A.R. (154) 217)

Acoustic microstreaming; Diffusion; Insonation; Probe-based assay; Incubation; Automation (Boraker, D.K. (155) 91)

Monoclonal antibody; Protein purification; Quantitation (Brooks, D.A. (155) 129)

Peroxidase-linked enzyme immunoassay; Tumor necrosis factor α (Lamb, W.R. (155) 215)

Soluble CD14; Biological fluid (Grunwald, U. (155) 225)

cell-ELISA
ELISA; CELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

spot-ELISA
ELISA; CELISA; cell-ELISA; Cell surface; ELISPOT; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

ELISA, blocking
Bovine ephemeral fever virus; Monoclonal antibody (Zakrzewski, H. (151) 289)

ELISA capture
Plasmodium falciparum; Glutamate-rich protein; IgM; IgG; Recombinant fusion protein (Dziegiel, M. (155) 207)

ELISA, cellular
Hybridoma screening; Circle assay; Immunocytochemistry (Balogh, P. (153) 141)

ELISA, competitive
IgY chicken; α-Amidating enzyme (Sturmer, A.M. (146) 105)

2,4-Dinitrophenol; Anti-2,4-dinitrophenol; Alkaline phosphatase; 3,6-Fluorescein diphosphate; *p*-Nitrophenyl phosphate (Huang, Z. (149) 261)

Cyclic adenosine 3′,5′-monophosphate; ELISA; Plated anti-immunoglobin (Linden, J. (151) 209)

ELISA, double-antibody sandwich
Neuron-specific enolase, human; Monoclonal antibody; Synthetic peptide; Small-cell carcinoma of the lung (Duncan, M.E. (151) 227)

ELISA, micro-
Fluorescein-di-β-D-galactopyranoside; Astroscan 2100 automated plate reader; Monoclonal antibody, mouse anti-HLA; Cell line (Sadler, A.M. (149) 11)

ELISA, one-step
Cocktail conjugate; IIbIIIa; Epitope mapping (Rowland, A.M. (151) 87)

ELISA quality control
Precision; Antibody capture ELISA; *Dichelobacter nodosus* (Whittington, R.J. (148) 57)

ELISA spot assay
Class and subclass switch; Monoclonal antibody (Spira, G. (148) 121)

ELISA, tumor necrosis factor
Tumor necrosis factor; Tumor necrosis factor receptor; Tumor infiltrating lymphocyte; Gene therapy; Lymphokine secretion (Hwu, P. (151) 139)

ELISPOT
ELISA; CELISA; cell-ELISA; Cell surface; spot-ELISA; Proliferation; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

Interleukin-1; Amplified immunoassay; Avidin-biotin; Anti-peroxidase (Nordström, I. (150) 199)

B cell; Cross-reactivity; Polyspecific; (Chamber); (Antigen) (Klinman, D.M. (152) 217)

ELISPOT, amplified
HIV; Antibody-secreting cell; (Monkey) (Eriksson, K. (153) 107)

Elongation factor Tu
Mycoplasma; Monoclonal antibody; Species differentiation of mycoplasmas (Kamla, V. (147) 73)

Endogenous DNase
DNase I; Inhibitor; Enzyme assay; Immunoassay; Serum assay (Gibson, U.E.M. (155) 249)

Endotoxin
Lipopolysaccharide; Radiolabel; Lipid A (Munford, R.S. (148) 115)

Lipopolysaccharide; Interleukin-1α; Interleukin-1β; Interleukin-6; Tumor necrosis factor α (Riches, P. (153) 125)

Enhanced chemiluminescence detection system
Immunoblot; IgM, low molecular weight; Healthy adult serum; Neonatal cord blood (Xu, H.J. (146) 241)

Enterocyte
Intraepithelial lymphocyte; Isolation procedure; (Human) (Lundqvist, C. (152) 253)

Environmental samples
Monoclonal antibody; *Salmonella enteritidis*; ELISA (Brigmon, R.L. (152) 135)

Enzyme
Hybridization; Polymerase chain reaction; Oligonucleotide; Non-isotopic (Chikhaoui, Y. (150) 51)

B cell; Immunocytochemistry; Spleen; In situ; (Antibody) (Claassen, E. (150) 207)

IgG; IgG-polyethylene glycol conjugate; Proteolytic degradation (Cunningham-Rundles, C. (152) 177)

Enzyme amplification system
Interleukin-4; ELISA; Avidin-biotin system (Ishizuka, T. (153) 213)

Enzyme assay
DNase I; Inhibitor; Immunoassay; Serum assay; Endogenous DNase (Gibson, U.E.M. (155) 249)

Enzyme cascade
Antigen-antibody; Biotion-avidin; Fluorogenic luminescent substrate; Non-specific signal (Avrameas, S. (150) 23)

Enzyme conjugate
Targeting; Monoclonal antibody; Alkaline phosphatase; Macrophage; Horseradish peroxidase; Coupling; (Mice) (Van Rooijen, N. (151) 149)

Enzyme immunoassay
Lysozyme; Biological fluid (Taylor, D.C. (146) 55)

Novel field assay; Snake venom identification (Cox, J.C. (146) 213)

Enzyme-multiplied immunoassay technique; Substrate-labeled fluorescence immunoassay; Apoenzyme reactivation immunoassay; Cofactor-labeled; Inhibitor-labeled (Jenkins, S.H. (150) 91)

Artifact; Limitation; Interference; Cross-reactivity; Homogeneous; Surface effect (Pesce, A.J. (150) 111)

ELISA; CELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Proliferation; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

Granule membrane protein-140; Monoclonal antibody; Plasma; CD62; P-Selectin (Katayama, M. (153) 41)

Adenosine 3′,5′ cyclic monophosphate; Guanosine 3′,5′ cyclic monophosphate (Horton, J.K. (155) 31)

IgM antibody, rabbit; Complement; Sensitivity (Kuhn, H.-M. (155) 201)

False-positive reaction; Interferon-γ; Tuberculosis; Plasma; (Bovine) (Jones, S.L. (155) 233)

Enzyme immunoassay, homogeneous
CEDIA assay; Drug monitoring (Engel, W.D. (150) 99)

Enzyme immunosorbent assay
Penicillinase; Prolactin, mouse (Tomita, Y. (151) 269)

Enzyme-multiplied immunoassay technique
Enzyme immunoassay; Substrate-labeled fluorescence immunoassay; Apoenzyme reactivation immunoassay; Cofactor-labeled; Inhibitor-labeled (Jenkins, S.H. (150) 91)

Enzyme release assay
Cytotoxic T lymphocyte; DNA transfection; β-Galactosidase (Ohmori, H. (147) 119)

Epidemiology
Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Epithelium specific
Cell separation; Colorectal tumor cell; Tumor infiltrating leukocyte; Monoclonal antibody HEA125; Immunomagnetic bead (Kemmner, W. (147) 197)

Epitope
proIL-1β; Immunodetection; Conformation; ELISA (Herzyk, D.J. (148) 243)

Periodate; Carbohydrate; Mucin; Immunoperoxidese (Bara, J. (149) 105)

Two-step sandwich immunoassay; Antibody; Analyte; Capture antibody; Labeled antibody (Fernando, S.A. (151) 67)

Mimotope; Random sequence; Expression library (Lenstra, J.A. (152) 149)

Epitope mapping
ELISA, one-step; Cocktail conjugate; IIbIIIa (Rowland, A.M. (151) 87)

Immunochemical analysis; Nuclear phosphoprotein p53; Monoclonal antibody (Vojtěšek, B. (151) 237)

Erythrocyte
Macrophage; Phagocytosis; Antibody-dependent cell-mediated cytotoxicity; 2,7-Diaminofluorene (Gebran, S.J. (151) 255)

***Escherichia coli* antigen**
Western blot; Antibody elution; Chaotropic ion; Cross-reaction (Hammerl, P. (151) 299)

Europium
Complement; Cytotoxicity; Antibody; Cytolysis; Melanoma (Cui, J. (147) 13)

Time-resolved fluoroimmunoassay; Prostaglandin; Biotin-avidin (Lüke, F.J. (148) 217)

Streptavidin; Time-resolved fluorometry; Fluoroimmunoassay; Follicle stimulating hormone; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Europium chelate
Quantitative Western blot analysis; Time-resolved fluorometry; Non-isotopic detection (Diamandis, E.P. (147) 251)

Expression library
Epitope; Mimotope; Random sequence (Lenstra, J.A. (152) 149)

Expression vector
Polymerase chain reaction; Chimeric antibody; Immunoglobulin expression (Coloma, M.J. (152) 89)

Extrathymic T cell
Hepatic lymphocyte; Intermediate TcR cell; $\alpha\beta$ T cell (Watanabe, H. (146) 145)

F

FACS analysis
HLA class II molecule; Peptide antibody; In vitro immunization; ELISA; Immunoblotting (Petersen, J.S. (151) 15)

False-positive reaction
Enzyme immunoassay; Interferon-γ; Tuberculosis; Plasma; (Bovine) (Jones, S.L. (155) 233)

FcαR
Neutrophil; Hemodialysis (Mazengera, R.L. (146) 121)

Fcγ receptor
Phagocytosis; Monoclonal antibody; Biotin; Streptavidin (Edberg, J.C. (148) 179)

Fecal blood
Colloidal gold agglutination; Monoclonal antibody; Hemoglobin (Nagata, M. (153) 185)

Ferrofluid
Cell separation; Magnetic separation, high gradient (Thomas, T.E. (154) 245)

Ficoll-Paque
Lymphocyte subsets; Flow cytometry; Cryopreservation (Romeu, M.A. (154) 7)

Filter strip
Cytokine; Late phase allergic reaction; Nasal mucosa (Alam, R. (155) 25)

Fixative
Viral determinant detection; Transmissible gastroenteritis coronavirus; Immunoperoxidase (Tô, L.-T. (154) 195)

Flow cytometry
Leukocyte cellular adhesion molecule; CD11a/CD18; Polymorph; Lymphocyte; Monocyte (Hamblin, A. (146) 219)

Bronchoalveolar lavage fluid; Lymphocyte; Immunoenzyme technique; (Antigen) (Padovan, C.S. (147) 27)

5-Bromo-2-deoxyuridine; Proliferating lymphocyte subset (Carayon, P. (147) 225)

Calcium; T lymphocyte; Activation; (Human) (Alexander, R.B. (148) 131)

Oncogene; Neuroblastoma; Immunolocalization (Gazitt, Y. (148) 159)

Neutrophil; Antigen expression; Preparative procedures (Macey, M.G. (149) 37)

Neutrophil; Formyl-methionine-leucine-phenylalanine receptor (Allen, C.A. (149) 159)

T cell subset; Technical influence; Temperature of storage; Time (Ekong, T. (151) 217)

B lymphocyte; Stimulation; Proliferation (Storek, J. (151) 261)

Intracellular; Immunofluorescence; Monoclonal antibody; HIV; p24 antigen (Heynen, C.A. (152) 25)

DNA fragmentation; Thymocyte apoptosis; Lymphocyte irradiation (Ojeda, F. (152) 171)

Immunomagnetic; Cell separation; Dynabeads; Differentiation; Cell growth; SSEA-1 (Swann, I.D. (152) 245)

Apoptosis; Interleukin-3 (Ormerod, M.G. (153) 57)

Binding constant; Binding site; Cell surface antigen; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Fluorescent in situ hybridization; Gene expression; Immunoglobulin variable region gene (Ravichandran, K.S. (153) 249)

Lymphocyte subsets; Ficoll-Paque; Cryopreservation (Romeu, M.A. (154) 7)

Immunofluorescence; Interleukin-1 (Chikanza, I.C. (154) 173)

Fluorescein-di-β-D-galactopyranoside
ELISA, micro-; Astroscan 2100 automated plate reader; Monoclonal antibody, mouse anti-HLA; Cell line (Sadler, A.M. (149) 11)

3,6-Fluorescein diphosphate
ELISA, competitive; 2,4-Dinitrophenol; Anti-2,4-dinitrophenol; Alkaline phosphatase; *p*-Nitrophenyl phosphate (Huang, Z. (149) 261)

Fluorescence
Liposome; In vivo; Macrophage; Spleen; Liver; Marginal zone (Claassen, E. (147) 231)

DNA determination; Cell culture (Goppelt-Struebe, M. (151) 245)

Fluorescent in situ hybridization
Gene expression; Flow cytometry; Immunoglobulin variable region gene (Ravichandran, K.S. (153) 249)

Fluorimetric analysis
Cytotoxic assay; Carboxyfluorescein diacetate (Provinciali, M. (155) 19)

Fluorochrome
Proliferation assay; LAK cell; DNA staining; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

Fluorogenic luminescent substrate
Antigen-antibody; Biotion-avidin; Enzyme cascade; Non-specific signal (Avrameas, S. (150) 23)

Fluoroimmunoassay
Europium; Streptavidin; Time-resolved fluorometry; Follicle stimulating hormone; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Follicle stimulating hormone
Europium; Streptavidin; Time-resolved fluorometry; Fluoroimmunoassay; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Formyl-methionine-leucine-phenylalanine receptor
Flow cytometry; Neutrophil (Allen, C.A. (149) 159)

Fourier transform infrared spectroscopy
Non-radioisotopic immunoassay; Metal carbonyl tracer; Cymantrene; Phenobarbital (Salmain, M. (148) 65)

Fragment condensation
Helper T cell epitope; Multiple antigenic peptide; Coupling; Vaccine (McLean, G.W. (155) 113)

Freeze-thaw effects
ELISA; Human blood group A; Octyl-β-D-glucopyranoside; Detergent extracts (Chapman, V. (149) 147)

Freund's adjuvant
Ribi adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Antibody affinity; Adjuvant side effects; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Fusion partner
Interleukin-6; Monoclonal antibody (Harris, J.F. (148) 199)

Fusion protein
Cell adherence; ICAM-1; LFA-1; Cell separation; Immunomagnetic bead (Hedman, H. (146) 203)

Monoclonal antibody; β Amyloid; Kunitz domain (Wunderlich, D. (147) 1)

G

β-Galactosidase
Cytotoxic T lymphocyte; Enzyme release assay; DNA transfection (Ohmori, H. (147) 119)

***Galanthus nivalis* lectin**
ELISA; HIV; Simian immunodeficiency virus glycoprotein (Mahmood, N. (151) 9)

Gastrin Biosynthesis
Immunosorption; Peptide hormone; Precursor; Radioimmunoassay (Rehfeld, J.F. (153) 7)

Gelatinase
Type IV collagenase; ELISA; Plasma; Pregnancy (Zucker, S. (148) 189)

Gel filtration
HPLC; Aromatic interaction; Hybridoma antibody; Anti-TNP antibody (Michaelsen, T.E. (146) 9)

Gelonin
Liposome immune lysis assay; Ricin; Ricin A chain; Calcein (Paul, A. (148) 151)

Gene
Immunoglobulin; cDNA; Polymerase chain reaction; Specificity repertoires; Allergy (Walker, M.R. (149) 77)

Polymerase chain reaction; Cytokine; Quantitation (Carding, S.R. (151) 277)

Gene dosage
Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Gene expression
Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Fluorescent in situ hybridization; Flow cytometry; Immunoglobulin variable region gene (Ravichandran, K.S. (153) 249)

Gene therapy
Tumor necrosis factor; Tumor necrosis factor receptor; ELISA, tumor necrosis factor; Tumor infiltrating lymphocyte; Lymphokine secretion (Hwu, P. (151) 139)

pGEX
Chimeric protein A/protein G; Chimeric protein G/alkaline phosphatase; Reporter molecule (Sun, S. (152) 43)

Glioma
Limiting dilution analysis; Tumor infiltrating lymphocyte (Tzeng, J.-J. (146) 177)

Glutamate-rich protein
Plasmodium falciparum; ELISA capture; IgM; IgG; Recombinant fusion protein (Dziegiel, M. (155) 207)

Glycosphingolipid
Natural antibody; Cytotoxicity assay; Complement; (Rabbit) (Yong Park, S. (154) 109)

gp160
Biospecific interaction analysis (BIAcore); Antibody-antigen interaction; Polyclonal serum; HIV-1; Peptide; Affinity (VanCott, T.C. (146) 163)

gp120
HIV-1; Monoclonal antibody; Repertoire cloning; Anti-idiotype (Kasai, Y. (155) 77)

Granule membrane protein-140
Monoclonal antibody; Enzyme immunoassay; Plasma; CD62; P-Selectin (Katayama, M. (153) 41)

Granulocyte
Chemotaxis; Image analysis (Azzarà, A. (148) 29)

Granulocyte-macrophage colony-stimulating factor
Dendritic cell; Bone marrow differentiation; Immunomagnetic bead selection (Scheicher, C. (154) 253)

Granuloma
Freund's adjuvant; Ribi adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Antibody affinity; Adjuvant side effects; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Graphical fitting method
Antibody association constant; Immunoreactive fraction; Immunological binding parameter; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Group B streptococci
Streptococcus agalactiae; Affinity purification; Oligosaccharide epitope; Trirhamnose, ELISA (Chalifour, R.J. (154) 69)

Group B streptococcus
ELISA; Macrophage; Adherence (Sloan, A.R. (154) 217)

Guanosine 3′,5′ cyclic monophosphate
Enzyme immunoassay; Adenosine 3′,5′ cyclic monophosphate (Horton, J.K. (155) 31)

H

***Haemophilus influenzae* type b**
ELISA; Polyribosylribitol phosphate; Poly-L-lysine; Monoclonal antibody (Herrmann, D.J. (148) 101)

Hapten
Spacer; Competitive inhibition; ELISA; Conjugate (Kachab, E.H. (147) 33)

Hapten-carrier model
Antigen-specific B cell; T helper hybridoma; In vitro immunization (Schilizzi, B.M. (153) 49)

HBsAg
IgG subclass; Vaccination (Borzì, R.M. (146) 17)

Healthy adult serum
Enhanced chemiluminescence detection system; Immunoblot; IgM, low molecular weight; Neonatal cord blood (Xu, H.J. (146) 241)

Helicobacter pylori
Monoclonal antibody; Hybridoma technique; Human respiratory virus (Coyle, P.V. (153) 81)

Helper epitope
Immune response; Cytotoxic T lymphocyte; Synthetic peptide; Malaria (Widmann, C. (155) 95)

Helper T cell epitope
Fragment condensation; Multiple antigenic peptide; Coupling; Vaccine (McLean, G.W. (155) 113)

Hemodialysis
FcαR; Neutrophil (Mazengera, R.L. (146) 121)

Hemoglobin
Colloidal gold agglutination; Monoclonal antibody; Fecal blood (Nagata, M. (153) 185)

Hemolytic plaque-forming cell assay
Polysaccharide; Tetanus toxoid; Diphtheria toxoid; IgG; Affinity; Avidity (Barington, T. (146) 129)

Hepatic lymphocyte
Intermediate TcR cell; Extrathymic T cell; $\alpha\beta$ T cell (Watanabe, H. (146) 145)

Hepatitis B e antigen
Hepatitis B virus; Chronic infection; Hepatitis B surface antigen (Maruyama, T. (155) 65)

Hepatitis B surface antigen
Hepatitis B virus; Chronic infection; Hepatitis B e antigen (Maruyama, T. (155) 65)

Hepatitis B virus
Chronic infection; Hepatitis B surface antigen; Hepatitis B e antigen (Maruyama, T. (155) 65)

Hepatitis C virus
ELISA; Non-A, non-B hepatitis; Post-transfusion hepatitis; Viral core protein (Yoshikawa, A. (148) 143)

Heterogeneous immunoassay
Microplate; Washing; Diffusion; Convection (Beumer, T. (154) 77)

Heterology
Sandwich immunoassay; Testosterone dimer; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity; 5α-Dihydrotestosterone (Sengupta, J. (147) 181)

High cell density
Simple roller; Oscillating bubble dialysis chamber; In vitro production of MAbs (Pannell, R. (146) 43)

Histamine
Radioimmunoassay; Single isotope enzymatic assay; Automated spectrofluorometer; Bronchoalveolar lavage fluid; (Lung) (Erger, R.A. (152) 115)

HIV-1
Biospecific interaction analysis (BIAcore); Antibody-antigen interaction; Polyclonal serum; gp160; Peptide; Affinity (VanCott, T.C. (146) 163)

ELISA; Simian immunodeficiency virus glycoprotein; *Galanthus nivalis* lectin (Mahmood, N. (151) 9)

Intracellular; Immunofluorescence; Monoclonal antibody; Flow cytometry; p24 antigen (Heynen, C.A. (152) 25)

ELISPOT, amplified; Antibody-secreting cell; (Monkey) (Eriksson, K. (153) 107)

HIV-1/2
Streptavidin-biotin interaction; Biotinylated peptide; Peptide-based ELISA; AIDS (Ivanov, V.S. (153) 229)

Western blot; Dried blood spot; Seroprevalence (Granade, T.C. (154) 225)

gp120; Monoclonal antibody; Repertoire cloning; Anti-idiotype (Kasai, Y. (155) 77)

HLA class II molecule
Peptide antibody; In vitro immunization; ELISA; Immunoblotting; FACS analysis (Petersen, J.S. (151) 15)

HLA-DR typing
Reverse dot-blot hybridization; Sequence-specific oligonucleotide; Polymerase chain reaction (Abe, A. (154) 205)

Hoechst H33342
Proliferation assay; LAK cell; DNA staining; Fluorochrome; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange (Vollenweider, I. (149) 133)

Homogeneous
Enzyme immunoassay; Artifact; Limitation; Interference; Cross-reactivity; Surface effect (Pesce, A.J. (150) 111)

Homoscedasticity
Cell-mediated cytolysis; Colorimetric assay; Kinetics; Peptide antigen; Major histocompatibility complex antigen; Maternally transmitted antigen (Rodgers, J.R. (152) 159)

'Hook' effect
One-step sandwich immunoassay; Antibody; Capture antibody; Labeled antibody; Capacity (Fernando, S.A. (151) 47)

Hormone receptor
Tumor marker; Tumor antigen; Immunoanalysis; Oncology (Magdelénat, H. (150) 133)

Horseradish peroxidase
Targeting; Monoclonal antibody; Alkaline phosphatase; Macrophage; Coupling; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

Monoclonal antibody; ELISA; Human follicle stimulating hormone; Human chorionic gonadotropin (Madersbacher, S. (152) 9)

HPLC
Gel filtration; Aromatic interaction; Hybridoma antibody; Anti-TNP antibody (Michaelsen, T.E. (146) 9)

Human acetylcholine receptor (AChR)
Immunomagnetic particle; T cell stimulation; Antigen presentation; Autoreactive human T cell; Myasthenia gravis (Hawke, S. (155) 41)

Human autologous tumor
Cytotoxic T lymphocyte; Cryopreservation; Lymphocyte (Wada, Y. (154) 235)

Human blood group A
ELISA; Octyl-β-D-glucopyranoside; Detergent extracts; Freeze-thaw effects (Chapman, V. (149) 147)

Human chorionic gonadotropin
Horseradish peroxidase; Monoclonal antibody; ELISA; Human follicle stimulating hormone (Madersbacher, S. (152) 9)

Human follicle stimulating hormone
Horseradish peroxidase; Monoclonal antibody; ELISA; Human chorionic gonadotropin (Madersbacher, S. (152) 9)

Human hybridoma
Serum-free medium; Monoclonal antibody; Scale up (Lang, A.B. (154) 21)

Human IgA subclass
In situ hybridization; Immunohistochemistry (Islam, K.B. (154) 163)

Human respiratory virus
Monoclonal antibody; Hybridoma technique; *Helicobacter pylori* (Coyle, P.V. (153) 81)

Hybridization
Enzyme; Polymerase chain reaction; Oligonucleotide; Non-isotopic (Chikhaoui, Y. (150) 51)

Hybridoma antibody
Gel filtration; HPLC; Aromatic interaction; Anti-TNP antibody (Michaelsen, T.E. (146) 9)

Hybridoma, human
Cell line; Selection method (Hundhausen, T. (153) 21)

Hybridoma screening
Circle assay; ELISA, cellular; Immunocytochemistry (Balogh, P. (153) 141)

Hybridoma technique
Monoclonal antibody; Human respiratory virus; *Helicobacter pylori* (Coyle, P.V. (153) 81)

Hydrogen peroxide
Neutrophil; Phagocyte; Superoxide; NADPH oxidase (Anderson, R. (155) 49)

I

ICAM-1
Cell adherence; LFA-1; Cell separation; Fusion protein; Immunomagnetic bead (Hedman, H. (146) 203)

IgA
Monoclonal antibody; Parasite; *Eimeria tenella* (Hoare, J.A. (153) 161)

IgE
CD23 (FcϵRII); Baculovirus; Apoptosis (Graber, P. (149) 215)

IgE antibody
Radioallergosorbent test; Benzyl penicilloyl hapten-poly-L-lysine conjugate; Benzyl penicilloyl hapten-human serum albumin conjugate (Blanca, M. (153) 99)

IgG
Hemolytic plaque-forming cell assay; Polysaccharide; Tetanus toxoid; Diphtheria toxoid; Affinity; Avidity (Barington, T. (146) 129)

IgG subclass; Monoclonal antibody; Immunoassay; Dose-response curve (Hvatum, M. (148) 77)

IgG-polyethylene glycol conjugate; Proteolytic degradation; Enzyme (Cunningham-Rundles, C. (152) 177)

Plasmodium falciparum; Glutamate-rich protein; ELISA capture; IgM; Recombinant fusion protein (Dziegiel, M. (155) 207)

IgG-polyethylene glycol conjugate
IgG; Proteolytic degradation; Enzyme (Cunningham-Rundles, C. (152) 177)

IgG rheumatoid factor
Rheumatoid factor immunoblot assay; (Human) (Newkirk, M.M. (148) 93)

IgG subclass
HBsAg; Vaccination (Borzì, R.M. (146) 17)

IgG; Monoclonal antibody; Immunoassay; Dose-response curve (Hvatum, M. (148) 77)

IgM
Plasmodium falciparum; Glutamate-rich protein; ELISA capture; IgG; Recombinant fusion protein (Dziegiel, M. (155) 207)

IgM antibody, rabbit
Enzyme immunoassay; Complement; Sensitivity (Kuhn, H.-M. (155) 201)

IgM $(Fab')_2$
IgM, mouse; Low temperature pepsinolysis; IgM proteolysis; IgM monoclonal (Pascual, D.W. (146) 249)

IgM, low molecular weight
Enhanced chemiluminescence detection system; Immunoblot; Healthy adult serum; Neonatal cord blood (Xu, H.J. (146) 241)

IgM monoclonal
IgM, mouse; IgM $(Fab')_2$; Low temperature pepsinolysis; IgM proteolysis (Pascual, D.W. (146) 249)

IgM, mouse
IgM $(Fab')_2$; Low temperature pepsinolysis; IgM proteolysis; IgM monoclonal (Pascual, D.W. (146) 249)

IgM proteolysis
IgM, mouse; IgM $(Fab')_2$; Low temperature pepsinolysis; IgM monoclonal (Pascual, D.W. (146) 249)

IgY
Egg-yolk antibody; Immunized hen; Antibody purification; Affinity chromatography; Transferrin; Nephelometry (Ntakarutimana, V. (153) 133)

IgY chicken
ELISA, competitive; α-Amidating enzyme (Sturmer, A.M. (146) 105)

IIbIIIa
ELISA, one-step; Cocktail conjugate; Epitope mapping (Rowland, A.M. (151) 87)

proIL-1β
Immunodetection; Epitope; Conformation; ELISA (Herzyk, D.J. (148) 243)

Image analysis
Chemotaxis; Granulocyte (Azzarà, A. (148) 29)

Immune complex
Conglutinin; Anti-collagen antibody; Systemic lupus erythematosus (Holmskov, U. (148) 225)

Immune response
Freund's adjuvant; Ribi adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Antibody affinity; Adjuvant side effects; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Cytotoxic T lymphocyte; Helper epitope; Synthetic peptide; Malaria (Widmann, C. (155) 95)

Immunization
Baculovirus expression; Monoclonal antibody; Lymphocyte cell surface antigen; Polymerase chain reaction (De Boer, M. (152) 15)

Cytotoxic T lymphocyte; Influenza A virus; Synthetic peptide (Zhou, X. (153) 193)

Immunized hen
Egg-yolk antibody; IgY; Antibody purification; Affinity chromatography; Transferrin; Nephelometry (Ntakarutimana, V. (153) 133)

Immunoadjuvant
TiterMax; Complete Freund's adjuvant; Antibody titer (Bennett, B. (153) 31)

Immunoadsorption
Monoclonal antibody; Biotinylation; ELISA; Western blot (Schuh, R. (152) 59)

Immunoanalysis
Tumor marker; Tumor antigen; Hormone receptor; Oncology (Magdelénat, H. (150) 133)

Immunoassay
Monoclonal antibody; Second antibody; Immunoglobulin κ chain; Plasma, human; Plasma, rabbit; Affinity (Reed, G.L. (147) 111)

Response/error relationship; Imprecision profile; Resampling technique (Chiecchio, A. (147) 211)

IgG; IgG subclass; Monoclonal antibody; Dose-response curve (Hvatum, M. (148) 77)

Precision profile; Statistics; Replicate (Delaage, M. (150) 103)

Dinitrophenyl; Immunoperoxidase; Dinitrophenyl-hapten procedure; Dinitrophenyl localization system; Immunolocalization (Jasani, B. (150) 193)

Polyvinyl chloride; Ligand adsorption; Kinetics of adsorption (Zalazar, F.E. (152) 1)

Chemiluminescence; Dot-blot assay; Chromogranin A; Brain protein (Heinicke, E. (152) 227)

Blood collection; Anticoagulant; Spiked recombinant cytokine; Stability; Recovery (Thavasu, P.W. (153) 115)

Catecholamine; Adrenalin; Noradrenalin (Murphy, J.F. (154) 89)

DNase I; Inhibitor; Enzyme assay; Serum assay; Endogenous DNase (Gibson, U.E.M. (155) 249)

Immunoblot
Enhanced chemiluminescence detection system; IgM, low molecular weight; Healthy adult serum; Neonatal cord blood (Xu, H.J. (146) 241)

Immunoblotting
HLA class II molecule; Peptide antibody; In vitro immunization; ELISA; FACS analysis (Petersen, J.S. (151) 15)

Immunochemical analysis
Nuclear phosphoprotein p53; Monoclonal antibody; Epitope mapping (Vojtěšek, B. (151) 237)

Immunocytochemical staining
Antibody-containing cell; In situ detection; *Eimeria tenella*; (Chicken) (Vervelde, L. (151) 191)

Immunocytochemistry
Islet cell; Cytoplasmic; (Antibody) (Marshall, M.O. (149) 63)

B cell; Enzyme; Spleen; In situ; (Antibody) (Claassen, E. (150) 207)

Hybridoma screening; Circle assay; ELISA, cellular (Balogh, P. (153) 141)

Immunodetection
proIL-1β; Epitope; Conformation; ELISA (Herzyk, D.J. (148) 243)

Immunodiagnostic kits
Tropical disease; Diagnostics (Talwar, G.P. (150) 121)

Immunoenzyme technique
Bronchoalveolar lavage fluid; Flow cytometry; Lymphocyte; (Antigen) (Padovan, C.S. (147) 27)

Immunoenzymometric assay
Chelating agent; Magnetizable carrier (Löster, K. (148) 41)

Immunofluorescence
Intracellular; Monoclonal antibody; HIV; Flow cytometry; p24 antigen (Heynen, C.A. (152) 25)

Interleukin-1; Flow cytometry (Chikanza, I.C. (154) 173)

Immunofluorescence analysis
Lymphocyte subsets; Staining method (Pechhold, K. (147) 135)

Immunoglobulin
Gene; cDNA; Polymerase chain reaction; Specificity repertoires; Allergy (Walker, M.R. (149) 77)

^{13}C-NMR; Allotype (Kim, H.H. (153) 223)

Immunoglobulin expression
Expression vector; Polymerase chain reaction; Chimeric antibody (Coloma, M.J. (152) 89)

Immunoglobulin κ chain
Monoclonal antibody; Second antibody; Plasma, human; Plasma, rabbit; Affinity; Immunoassay (Reed, G.L. (147) 111)

Immunoglobulin, mouse
Cryptococcus neoformans; Monoclonal antibody, mouse; ELISA; Polysaccharide, cryptococcal (Casadevall, A. (154) 27)

Immunoglobulin variable region gene
Fluorescent in situ hybridization; Gene expression; Flow cytometry (Ravichandran, K.S. (153) 249)

Immunohistochemistry
In situ hybridization; Oligonucleotide histochemistry; In situ nick translation (Nakane, P.K. (150) 151)

Human IgA subclass; In situ hybridization (Islam, K.B. (154) 163)

Immunolocalization
Oncogene; Neuroblastoma; Flow cytometry (Gazitt, Y. (148) 159)

Dinitrophenyl; Immunoperoxidase; Dinitrophenyl-hapten procedure; Dinitrophenyl localization system; Immunoassay (Jasani, B. (150) 193)

Immunological binding parameter
Antibody association constant; Graphical fitting method; Immunoreactive fraction; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Immunology
Pregnancy; Placenta; Mononuclear cell; Cell culture (Rasheed, F.N. (146) 185)

Immunomagnetic
Microbeads; Dynabeads; CD45RO; UCHL1; Magnetic cell sorter (Manyonda, I.T. (149) 1)

Cell separation; Dynabeads; Differentiation; Cell growth; SSEA-1; Flow cytometry (Swann, I.D. (152) 245)

Immunomagnetic bead
Cell adherence; ICAM-1; LFA-1; Cell separation; Fusion protein (Hedman, H. (146) 203)

Cell separation; Colorectal tumor cell; Tumor infiltrating leukocyte; Monoclonal antibody HEA125; Epithelium specific (Kemmner, W. (147) 197)

Purification; Basophilic granulocyte, human (Mul, F.P.J. (149) 207)

Immunomagnetic bead selection
Dendritic cell; Bone marrow differentiation; Granulocyte-macrophage colony-stimulating factor (Scheicher, C. (154) 253)

Immunomagnetic particle
T cell stimulation; Human acetylcholine receptor (AChR); Antigen presentation; Autoreactive human T cell; Myasthenia gravis (Hawke, S. (155) 41)

Immunomodulation test
Computer program; Microplate; Planning and evaluation (Siman, P. (146) 1)

Immunoperoxidase
Membrane antigen (Gonatas, N.K. (150) 185)

Dinitrophenyl; Dinitrophenyl-hapten procedure; Dinitrophenyl localization system; Immunolocalization; Immunoassay (Jasani, B. (150) 193)

Viral determinant detection; Transmissible gastroenteritis coronavirus; Fixative (Tô, L.-T. (154) 195)

Immunoperoxidese
Periodate; Carbohydrate; Mucin; Epitope (Bara, J. (149) 105)

Immunophenotyping
Lymphocyte number; Quality control test; CD4 T lymphocyte; CD8 T lymphocyte; Automatic device (Aboulker, J.P. (154) 155)

Immunoprecipitation
Antigen determination; Microgravimetry; Antibody determination (Pokrić, B. (148) 49)

Immunoreactive fraction
Antibody association constant; Graphical fitting method; Immunological binding parameter; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Monoclonal antibody; Cell fixation; Cytoplasmic antigen (Haisma, H.J. (154) 55)

Immunoselection
Lyt2$^-$ mutant; Magnetic particle; X ray mutagenesis (Iannelli, D. (154) 211)

Immunosorption
Peptide hormone; Gastrin Biosynthesis; Precursor; Radioimmunoassay (Rehfeld, J.F. (153) 7)

Immunosuppressive
Interleukin-1; Myelomonocytic; Inhibition (Peritt, D. (155) 167)

Immunotoxin
Ribosome-inactivating protein; Toxin (Strocchi, P. (155) 57)

Imprecision profile
Immunoassay; Response/error relationship; Resampling technique (Chiecchio, A. (147) 211)

Incubation
Acoustic microstreaming; Diffusion; Insonation; ELISA; Probe-based assay; Automation (Boraker, D.K. (155) 91)

Infertility
Anti-sperm cell-mediated immunity; Computer-assisted image analysis system; Leukocyte migration inhibition factor assay (Dimitrov, D.G. (154) 147)

Influenza A virus
Cytotoxic T lymphocyte; Synthetic peptide; Immunization (Zhou, X. (153) 193)

Inhibition
Mycoplasma; Proliferation; Splenocyte; Stimulation (Alzani, R. (152) 35)

Interleukin-1; Myelomonocytic; Immunosuppressive (Peritt, D. (155) 167)

Inhibitor
Liquid phase isoelectric focusing; Rotofor cell; Interleukin-1; Myelomonocytic; (Human) (Peritt, D. (155) 159)

DNase I; Enzyme assay; Immunoassay; Serum assay; Endogenous DNase (Gibson, U.E.M. (155) 249)

Inhibitor-labeled
Enzyme immunoassay; Enzyme-multiplied immunoassay technique; Substrate-labeled fluorescence immunoassay; Apoenzyme reactivation immunoassay; Cofactor-labeled (Jenkins, S.H. (150) 91)

In situ
B cell; Immunocytochemistry; Enzyme; Spleen; (Antibody) (Claassen, E. (150) 207)

In situ detection
Immunocytochemical staining; Antibody-containing cell; *Eimeria tenella*; (Chicken) (Vervelde, L. (151) 191)

In situ hybridization
Interferon-γ; Interleukin-6; Interleukin-1; Thyroid tissue (Rutenfranz, I. (148) 233)

Immunohistochemistry; Oligonucleotide histochemistry; In situ nick translation (Nakane, P.K. (150) 151)

Human IgA subclass; Immunohistochemistry (Islam, K.B. (154) 163)

In situ nick translation
Immunohistochemistry; In situ hybridization; Oligonucleotide histochemistry (Nakane, P.K. (150) 151)

Insonation
Acoustic microstreaming; Diffusion; ELISA; Probe-based assay; Incubation; Automation (Boraker, D.K. (155) 91)

Insulin
Radioimmunoassay; Autoimmune thyroid disease; Autoantibody (Hegewald, M.J. (154) 61)

Interference
Enzyme immunoassay; Artifact; Limitation; Cross-reactivity; Homogeneous; Surface effect (Pesce, A.J. (150) 111)

Interferon-γ
In situ hybridization; Interleukin-6; Interleukin-1; Thyroid tissue (Rutenfranz, I. (148) 233)

Enzyme immunoassay; False-positive reaction; Tuberculosis; Plasma; (Bovine) (Jones, S.L. (155) 233)

Interferon-γ antagonist
Interferon-γ, human; Interferon-γ receptor; Soluble receptor; Solid-phase binding test (Ozmen, L. (147) 261)

Interferon-γ, human
Interferon-γ receptor; Soluble receptor; Solid-phase binding test; Interferon-γ antagonist (Ozmen, L. (147) 261)

Interferon-γ receptor
Interferon-γ, human; Soluble receptor; Solid-phase binding test; Interferon-γ antagonist (Ozmen, L. (147) 261)

Interleukin-1
In situ hybridization; Interferon-γ; Interleukin-6; Thyroid tissue (Rutenfranz, I. (148) 233)

ELISPOT; Amplified immunoassay; Avidin-biotin; Anti-peroxidase (Nordström, I. (150) 199)

Tumor necrosis factor; Monocyte; U937 cell line; Phagocytosis (Jiang, W.G. (152) 201)

Immunofluorescence; Flow cytometry (Chikanza, I.C. (154) 173)

Liquid phase isoelectric focusing; Rotofor cell; Inhibitor; Myelomonocytic; (Human) (Peritt, D. (155) 159)

Myelomonocytic; Immunosuppressive; Inhibition (Peritt, D. (155) 167)

Interleukin-2
ELISA; Cerebrospinal fluid; Central nervous system infections; Intrathecal synthesis (Sharief, M.K. (147) 51)

Interleukin-3
Apoptosis; Flow cytometry (Ormerod, M.G. (153) 57)

Interleukin-4
ELISA; Avidin-biotin system; Enzyme amplification system (Ishizuka, T. (153) 213)

Interleukin-6
Dissociation-enhanced lanthanide fluoroimmunoassay; Time-resolved fluoroimmunoassay; Tumor necrosis factor α; Cytokine (Ogata, A. (148) 15)

Radioimmunoassay; Monocyte, human (Peppard, J.V. (148) 23)

Fusion partner; Monoclonal antibody (Harris, J.F. (148) 199)

In situ hybridization; Interferon-γ; Interleukin-1; Thyroid tissue (Rutenfranz, I. (148) 233)

Endotoxin; Lipopolysaccharide; Interleukin-1α; Interleukin-1β; Tumor necrosis factor α (Riches, P. (153) 125)

Interleukin-8
ELISA; Radioimmunoassay; Monoclonal antibody (Ko, Y.-c. (149) 227)

Interleukin-1α
Endotoxin; Lipopolysaccharide; Interleukin-1β; Interleukin-6; Tumor necrosis factor α (Riches, P. (153) 125)

Interleukin-1β
Radioimmunoassay; ELISA; Monoclonal antibody; Interleukin-1 receptor antagonist (Dinarello, C.A. (148) 255)

Endotoxin; Lipopolysaccharide; Interleukin-1α; Interleukin-6; Tumor necrosis factor α (Riches, P. (153) 125)

Interleukin-2 receptor
Monoclonal antibody; (Pig) (Bailey, M. (153) 85)

Interleukin-1 receptor antagonist
Radioimmunoassay; ELISA; Monoclonal antibody; Interleukin-1β (Dinarello, C.A. (148) 255)

Interleukin-3 receptor, murine
Polymerase chain reaction; Cytokine (Fung, M.-C. (149) 97)

Intermediate TcR cell
Hepatic lymphocyte; Extrathymic T cell; $\alpha\beta$ T cell (Watanabe, H. (146) 145)

Intracellular
Immunofluorescence; Monoclonal antibody; HIV; Flow cytometry; p24 antigen (Heynen, C.A. (152) 25)

Intraepithelial lymphocyte
Enterocyte; Isolation procedure; (Human) (Lundqvist, C. (152) 253)

Intrathecal synthesis
Interleukin-2; ELISA; Cerebrospinal fluid; Central nervous system infections (Sharief, M.K. (147) 51)

In vitro immunization
HLA class II molecule; Peptide antibody; ELISA; Immunoblotting; FACS analysis (Petersen, J.S. (151) 15)

Antigen-specific B cell; Hapten-carrier model; T helper hybridoma (Schilizzi, B.M. (153) 49)

In vitro production of MAbs
Simple roller; Oscillating bubble dialysis chamber; High cell density (Pannell, R. (146) 43)

In vivo
Liposome; Macrophage; Spleen; Liver; Fluorescence; Marginal zone (Claassen, E. (147) 231)

Islet cell
Immunocytochemistry; Cytoplasmic; (Antibody) (Marshall, M.O. (149) 63)

Isolation of subpopulation
Nylon wool; Monoclonal antibody (Kokkinopoulos, D. (154) 1)

Isolation procedure
Intraepithelial lymphocyte; Enterocyte; (Human) (Lundqvist, C. (152) 253)

Nylon wool column; Magnetic bead; Sephadex G-10; Dendritic cell; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

Isotype variant
Neuroblastoma, anti-human; ELISA (D'Uscio, C. (146) 63)

Iterative nonlinear least squares fitting method
Antibody association constant; Graphical fitting method; Immunoreactive fraction; Immunological binding parameter; Monoclonal antibody, labeled; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

K

K562
Dual laser flow cytometry; Conjugate; Binding; $CD8^{dim}$; $CD8^{bright}$ (Vitale, M. (149) 189)

Kinetics
Cell-mediated cytolysis; Colorimetric assay; Peptide antigen; Major histocompatibility complex antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Kinetics of adsorption
Polyvinyl chloride; Immunoassay; Ligand adsorption (Zalazar, F.E. (152) 1)

Kininogen
Cathepsin-kininogen complex; Cathepsin; Cysteine proteinase inhibitor; ELISA; Acute phase condition (Takeda, A. (147) 217)

Cystatin superfamily; Proteinase inhibitor; Anti-peptide antibody (Lalmanach, G. (149) 197)

Kunitz domain
Fusion protein; Monoclonal antibody; β Amyloid (Wunderlich, D. (147) 1)

L

Labeled antibody
One-step sandwich immunoassay; Antibody; Capture antibody; Capacity; 'Hook' effect (Fernando, S.A. (151) 47)

Two-step sandwich immunoassay; Antibody; Analyte; Capture antibody; Epitope (Fernando, S.A. (151) 67)

LAK cell
Proliferation assay; DNA staining; Fluorochrome; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

Late phase allergic reaction
Cytokine; Nasal mucosa; Filter strip (Alam, R. (155) 25)

Law of mass action
Antibody association constant; Graphical fitting method; Immunoreactive fraction; Immunological binding parameter; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Lectin
Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Monoclonal antibody; Carbohydrate heterogeneity (Coco-Martin, J.M. (155) 241)

Leukemia
Mycoplasma; Cell line; Detection (Uphoff, C.C. (149) 43)

Mycoplasma; Cell line; Elimination (Uphoff, C.C. (149) 55)

Leukocyte cellular adhesion molecule
CD11a/CD18; Flow cytometry; Polymorph; Lymphocyte; Monocyte (Hamblin, A. (146) 219)

Leukocyte migration inhibition factor assay
Anti-sperm cell-mediated immunity; Computer-assisted image analysis system; Infertility (Dimitrov, D.G. (154) 147)

LFA-1
Cell adherence; ICAM-1; Cell separation; Fusion protein; Immunomagnetic bead (Hedman, H. (146) 203)

Ligand adsorption
Polyvinyl chloride; Immunoassay; Kinetics of adsorption (Zalazar, F.E. (152) 1)

Limitation
Enzyme immunoassay; Artifact; Interference; Cross-reactivity; Homogeneous; Surface effect (Pesce, A.J. (150) 111)

Limiting dilution analysis
Glioma; Tumor infiltrating lymphocyte (Tzeng, J.-J. (146) 177)

T helper cell; Alloreactivity; Primed and unprimed T cells (Deacock, S. (147) 83)

Linear sweep voltammetry
ELISA; Alkaline phosphatase; *p*-Nitrophenol (Tie, F. (149) 115)

Lipid A
Lipopolysaccharide; Radiolabel; Endotoxin (Munford, R.S. (148) 115)

Lipopolysaccharide
Radiolabel; Lipid A; Endotoxin (Munford, R.S. (148) 115)

ELISA; Poly-L-lysine; Polymyxin B (Takahashi, K. (153) 67)

Endotoxin; Interleukin-1α; Interleukin-1β; Interleukin-6; Tumor necrosis factor α (Riches, P. (153) 125)

Liposome
In vivo; Macrophage; Spleen; Liver; Fluorescence; Marginal zone (Claassen, E. (147) 231)

Liposome immune lysis assay
Gelonin; Ricin; Ricin A chain; Calcein (Paul, A. (148) 151)

Liquid phase isoelectric focusing
Rotofor cell; Interleukin-1; Inhibitor; Myelomonocytic; (Human) (Peritt, D. (155) 159)

Liver
Liposome; In vivo; Macrophage; Spleen; Fluorescence; Marginal zone (Claassen, E. (147) 231)

Locomotion
Lymphocyte; Polarization; Phenotype (Newman, I. (147) 43)

Long term cytotoxic assay
Prelabeling; Methionine, [^{35}S]-; ^{51}Chromium (Katz, A. (149) 255)

Loss of antibody activity
Chromatography, high performance liquid; Monoclonal antibody preparation; Autoantigen blockage; Restoring antibody activity (Ma, J. (155) 121)

Low pH treatment
Monoclonal antibody; Polystyrene latex particle; Adsorption (Van Erp, R. (152) 191)

Low temperature pepsinolysis
IgM, mouse; IgM $(Fab')_2$; IgM proteolysis; IgM monoclonal (Pascual, D.W. (146) 249)

Lucifer Yellow
Electroporation; Lymphocyte; Organic anion transport; Probenecid (Dinchuk, J.E. (155) 257)

Lymphocyte
Leukocyte cellular adhesion molecule; CD11a/CD18; Flow cytometry; Polymorph; Monocyte (Hamblin, A. (146) 219)

Bronchoalveolar lavage fluid; Flow cytometry; Immunoenzyme technique; (Antigen) (Padovan, C.S. (147) 27)

Polarization; Locomotion; Phenotype (Newman, I. (147) 43)

c-MYC protein; Western blot (Spiller, D.G. (149) 29)

Cytotoxic T lymphocyte; Human autologous tumor; Cryopreservation (Wada, Y. (154) 235)

Electroporation; Lucifer Yellow; Organic anion transport; Probenecid (Dinchuk, J.E. (155) 257)

Lymphocyte cell surface antigen
Baculovirus expression; Immunization; Monoclonal antibody; Polymerase chain reaction (De Boer, M. (152) 15)

Lymphocyte irradiation
DNA fragmentation; Flow cytometry; Thymocyte apoptosis (Ojeda, F. (152) 171)

Lymphocyte number
Immunophenotyping; Quality control test; CD4 T lymphocyte; CD8 T lymphocyte; Automatic device (Aboulker, J.P. (154) 155)

Lymphocyte proliferation
Serum-free medium; Mitogen; Mixed lymphocyte culture; Antigen specific (Kaldjian, E.P. (147) 189)

Lymphocyte subsets
Immunofluorescence analysis; Staining method (Pechhold, K. (147) 135)

B cell malignancy; Dual fluorescence flow cytometry; Surface immunoglobulin (Reynolds, W.M. (151) 123)

Flow cytometry; Ficoll-Paque; Cryopreservation (Romeu, M.A. (154) 7)

Lymphokine secretion
Tumor necrosis factor; Tumor necrosis factor receptor; ELISA, tumor necrosis factor; Tumor infiltrating lymphocyte; Gene therapy (Hwu, P. (151) 139)

Lymphoproliferation assay
Statistical method; Data analysis; Responder (Bennett, S. (146) 229)

Lysozyme
Enzyme immunoassay; Biological fluid (Taylor, D.C. (146) 55)

Lyt2$^-$ mutant
Magnetic particle; Immunoselection; X ray mutagenesis (Iannelli, D. (154) 211)

M

Macrophage
Liposome; In vivo; Spleen; Liver; Fluorescence; Marginal zone (Claassen, E. (147) 231)

Targeting; Monoclonal antibody; Alkaline phosphatase; Horseradish peroxidase; Coupling; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

Erythrocyte; Phagocytosis; Antibody-dependent cell-mediated cytotoxicity; 2,7-Diaminofluorene (Gebran, S.J. (151) 255)

Group B streptococcus; ELISA; Adherence (Sloan, A.R. (154) 217)

Magnetic bead
Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Avidin; Membrane charge properties; Membrane carbohydrate binding site (Andreoni, C. (151) 249)

Isolation procedure; Nylon wool column; Sephadex G-10; Dendritic cell; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

Magnetic cell sorter
Immunomagnetic; Microbeads; Dynabeads; CD45RO; UCHL1 (Manyonda, I.T. (149) 1)

Magnetic particle
Lyt2$^-$ mutant; Immunoselection; X ray mutagenesis (Iannelli, D. (154) 211)

Magnetic separation, high gradient
Cell separation; Ferrofluid (Thomas, T.E. (154) 245)

Magnetizable carrier
Chelating agent; Immunoenzymometric assay (Löster, K. (148) 41)

Major histocompatibility complex antigen
Cell-mediated cytolysis; Colorimetric assay; Kinetics; Peptide antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Major histocompatibility complex class II chain
Chromatography, high performance electrophoresis; Preparative electroelution; Peptide binding (Passmore, D. (155) 193)

Major histocompatibility complex restriction
CD8$^+$ suppressor T cell clone; Vβ8 family; Soluble suppressor molecule (Hu, F.-y. (152) 123)

Malaria
Immune response; Cytotoxic T lymphocyte; Helper epitope; Synthetic peptide (Widmann, C. (155) 95)

α-Mannan
Phagocytosis (quantitative study of); Yeast; Cytochalasin B; Chloroquine (Giaimis, J. (154) 185)

Marginal zone
Liposome; In vivo; Macrophage; Spleen; Liver; Fluorescence (Claassen, E. (147) 231)

Marker enzyme
Assay principle; Bound-free separation; Conjugates-substrate reaction; Assay parameter (Porstmann, T. (150) 5)

Mast cell identification
Spleen cell, mouse; Mast cell induction; Mitogen response of mast cells (Hu, Z.-Q. (149) 173)

Mast cell induction
Spleen cell, mouse; Mast cell identification; Mitogen response of mast cells (Hu, Z.-Q. (149) 173)

Maternally transmitted antigen
Cell-mediated cytolysis; Colorimetric assay; Kinetics; Peptide antigen; Major histocompatibility complex antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

MDR-1
Oncogene; Neuroblastoma; Bone marrow metastasis (Gazitt, Y. (148) 171)

Melanoma
Europium; Complement; Cytotoxicity; Antibody; Cytolysis (Cui, J. (147) 13)

Cellular cytotoxicity assay; Colorimetric; Natural killer cell; Tetrazolium; XTT (Jost, L.M. (147) 153)

Membrane antigen
Immunoperoxidase (Gonatas, N.K. (150) 185)

Membrane carbohydrate binding site
Magnetic bead; Avidin; Membrane charge properties (Andreoni, C. (151) 249)

Membrane charge properties
Magnetic bead; Avidin; Membrane carbohydrate binding site (Andreoni, C. (151) 249)

Metal carbonyl tracer
Non-radioisotopic immunoassay; Cymantrene; Fourier transform infrared spectroscopy; Phenobarbital (Salmain, M. (148) 65)

Methionine, [^{35}S]-
Long term cytotoxic assay; Prelabeling; ^{51}Chromium (Katz, A. (149) 255)

Methylene blue
Colorimetric microtiter assay; Cytotoxin; Monocyte, human; Cell adherence (Keisari, Y. (146) 155)

Microbeads
Immunomagnetic; Dynabeads; CD45RO; UCHL1; Magnetic cell sorter (Manyonda, I.T. (149) 1)

Microchemotaxis chamber
Densitometer; Polymorphonuclear leukocyte; Quantification (Misso, N.L.A. (149) 183)

Microgravimetry
Antigen determination; Immunoprecipitation; Antibody determination (Pokrić, B. (148) 49)

Microplate
Computer program; Immunomodulation test; Planning and evaluation (Siman, P. (146) 1)

Heterogeneous immunoassay; Washing; Diffusion; Convection (Beumer, T. (154) 77)

Microscopic polyarteritis
Anti-neutrophil cytoplasm antibody; Wegener's granulomatosis; Rapidly progressive glomerulonephritis; Anti-myeloperoxidase antibody (Chevailler, A. (147) 101)

Microsphere
Blood group antigen; Agglutination; Blood typing; Saliva, human; Capillary tube (Yazawa, S. (147) 21)

Magnetic bead; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Microtiter
Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody (Gundersen, S.G. (148) 1)

Mimotope
Epitope; Random sequence; Expression library (Lenstra, J.A. (152) 149)

Mini-electrofusion
Monoclonal antibody; B cell clone (Steenbakkers, P.G.A. (152) 69)

Mitogen
Lymphocyte proliferation; Serum-free medium; Mixed lymphocyte culture; Antigen specific (Kaldjian, E.P. (147) 189)

Mitogen response of mast cells
Spleen cell, mouse; Mast cell induction; Mast cell identification (Hu, Z.-Q. (149) 173)

Mixed lymphocyte culture
Lymphocyte proliferation; Serum-free medium; Mitogen; Antigen specific (Kaldjian, E.P. (147) 189)

Mixed lymphocyte reaction
Centrifugal elutriation; Dendritic cell; Antigen presenting cell; (Spleen); (Mouse) (Ossevoort, M.A. (155) 101)

Molecular hybridization
Non-radioactive probe (Guesdon, J.-L. (150) 33)

Monoclonal antibody
Parathyroid hormone-related protein; Two-site immunoradiometric assay; Western blot (Ratcliffe, W.A. (146) 33)

Fusion protein; β Amyloid; Kunitz domain (Wunderlich, D. (147) 1)

Mycoplasma; Elongation factor Tu; Species differentiation of mycoplasmas (Kamla, V. (147) 73)

Second antibody; Immunoglobulin κ chain; Plasma, human; Plasma, rabbit; Affinity; Immunoassay (Reed, G.L. (147) 111)

Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Tropical medicine; Epidemiology; Microtiter (Gundersen, S.G. (148) 1)

IgG; IgG subclass; Immunoassay; Dose-response curve (Hvatum, M. (148) 77)

Haemophilus influenzae type b; ELISA; Polyribosylribitol phosphate; Poly-L-lysine (Herrmann, D.J. (148) 101)

Class and subclass switch; ELISA spot assay (Spira, G. (148) 121)

Fcγ receptor; Phagocytosis; Biotin; Streptavidin (Edberg, J.C. (148) 179)

Interleukin-6; Fusion partner (Harris, J.F. (148) 199)

Radioimmunoassay; ELISA; Interleukin-1β; Interleukin-1 receptor antagonist (Dinarello, C.A. (148) 255)

Partitioning; Two-phase system; Thiophilic adsorption; Cell culture medium (Sulk, B. (149) 165)

Interleukin-8; ELISA; Radioimmunoassay (Ko, Y.-c. (149) 227)

Dextran carrier; ELISA; *s*-Triazine quantification (Böcher, M. (151) 1)

Biosynthetic human growth hormone; Titration; Competitive; Cooperativity; Circular antigen-antibody complex (Fernando, S.A. (151) 27)

Targeting; Alkaline phosphatase; Macrophage; Horseradish peroxidase; Coupling; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

Catalase; Peroxisome; Peroxisomal biogenesis (Wiemer, E.A.C. (151) 165)

Tumor antigen; Baculovirus recombinant; Antibody-directed cellular cytotoxicity assay (Nesbit, M. (151) 201)

Neuron-specific enolase, human; Synthetic peptide; ELISA, double-antibody sandwich; Small-cell carcinoma of the lung (Duncan, M.E. (151) 227)

Immunochemical analysis; Nuclear phosphoprotein p53; Epitope mapping (Vojtěšek, B. (151) 237)

Bovine ephemeral fever virus; ELISA, blocking (Zakrzewski, H. (151) 289)

Ultrafiltration; Culture supernatant (Saha, K. (151) 307)

Horseradish peroxidase; ELISA; Human follicle stimulating hormone; Human chorionic gonadotropin (Madersbacher, S. (152) 9)

Baculovirus expression; Immunization; Lymphocyte cell surface antigen; Polymerase chain reaction (De Boer, M. (152) 15)

Intracellular; Immunofluorescence; HIV; Flow cytometry; p24 antigen (Heynen, C.A. (152) 25)

Biotinylation; ELISA; Immunoadsorption; Western blot (Schuh, R. (152) 59)

B cell clone; Mini-electrofusion (Steenbakkers, P.G.A. (152) 69)

C5a des Arg; Complement activation; ELISA (Bergh, K. (152) 79)

Salmonella enteritidis; Environmental samples; ELISA (Brigmon, R.L. (152) 135)

Polystyrene latex particle; Adsorption; Low pH treatment (Van Erp, R. (152) 191)

Granule membrane protein-140; Enzyme immunoassay; Plasma; CD62; P-Selectin (Katayama, M. (153) 41)

Hybridoma technique; Human respiratory virus; *Helicobacter pylori* (Coyle, P.V. (153) 81)

Interleukin-2 receptor; (Pig) (Bailey, M. (153) 85)

IgA; Parasite; *Eimeria tenella* (Hoare, J.A. (153) 161)

Complement; Complement receptor (Henwick, S. (153) 173)

Colloidal gold agglutination; Hemoglobin; Fecal blood (Nagata, M. (153) 185)

Nylon wool; Isolation of subpopulation (Kokkinopoulos, D. (154) 1)

Serum-free medium; Human hybridoma; Scale up (Lang, A.B. (154) 21)

Cell fixation; Immunoreactive fraction; Cytoplasmic antigen (Haisma, H.J. (154) 55)

HIV-1; gp120; Repertoire cloning; Anti-idiotype (Kasai, Y. (155) 77)

Protein purification; ELISA; Quantitation (Brooks, D.A. (155) 129)

Carbohydrate heterogeneity; Lectin (Coco-Martin, J.M. (155) 241)

Monoclonal antibody, fluorescent
Binding constant; Binding site; Cell surface antigen; Flow cytometry; Gene dosage; Gene expression; Lectin; Non-linear regression; Parameter estimation (Bardsley, W.G. (153) 235)

Monoclonal antibody HEA125
Cell separation; Colorectal tumor cell; Tumor infiltrating leukocyte; Epithelium specific; Immunomagnetic bead (Kemmner, W. (147) 197)

Monoclonal antibody, labeled
Antibody association constant; Graphical fitting method; Immunoreactive fraction; Immunological binding parameter; Iterative nonlinear least squares fitting method; Law of mass action; Number of effective binding sites on the target antigen (Fjeld, J.G. (151) 97)

Monoclonal antibody, mouse anti-HLA
ELISA, micro-; Fluorescein-di-β-D-galactopyranoside; Astroscan 2100 automated plate reader; Cell line (Sadler, A.M. (149) 11)

Monoclonal antibody, murine
Protein A leakage; Chromatography, affinity; Antibody, chicken; ELISA (Godfrey, M.A.J. (149) 21)

Cryptococcus neoformans; Immunoglobulin, mouse; ELISA; Polysaccharide, cryptococcal (Casadevall, A. (154) 27)

Monoclonal antibody preparation
Chromatography, high performance liquid; Loss of antibody activity; Autoantigen blockage; Restoring antibody activity (Ma, J. (155) 121)

Monocyte
Leukocyte cellular adhesion molecule; CD11a/CD18; Flow cytometry; Polymorph; Lymphocyte (Hamblin, A. (146) 219)

Tumor necrosis factor; Interleukin; U937 cell line; Phagocytosis (Jiang, W.G. (152) 201)

Defined medium; Monokine; Differentiation; Surface antigen (Bennett, S. (153) 201)

Two color immunofluorescence flow cytometry; Cytokine (De Caestecker, M.P. (154) 11)

Monocyte, human
Colorimetric microtiter assay; Cytotoxin; Cell adherence; Methylene blue (Keisari, Y. (146) 155)

Interleukin-6; Radioimmunoassay (Peppard, J.V. (148) 23)

Monokine
Defined medium; Monocyte; Differentiation; Surface antigen (Bennett, S. (153) 201)

Mononuclear cell
Pregnancy; Immunology; Placenta; Cell culture (Rasheed, F.N. (146) 185)

Mouse complement
Mus hortulanus; Tumor cell lysis (Ong, G.L. (154) 37)

Mucin
Periodate; Carbohydrate; Epitope; Immunoperoxidese (Bara, J. (149) 105)

Multicolor flow cytometry
Apoptosis; Thymocyte (Hardin, J.A. (154) 99)

Multiparameter flow cytometry
PKH-2; Cell tracking dye (Festin, R. (154) 47)

Multiple antigenic peptide
Helper T cell epitope; Fragment condensation; Coupling; Vaccine (McLean, G.W. (155) 113)

Mus hortulanus
Mouse complement; Tumor cell lysis (Ong, G.L. (154) 37)

Myasthenia gravis
Immunomagnetic particle; T cell stimulation; Human acetylcholine receptor (AChR); Antigen presentation; Autoreactive human T cell (Hawke, S. (155) 41)

Mycoplasma
Elongation factor Tu; Monoclonal antibody; Species differentiation of mycoplasmas (Kamla, V. (147) 73)

Cell line; Leukemia; Detection (Uphoff, C.C. (149) 43)

Cell line; Leukemia; Elimination (Uphoff, C.C. (149) 55)

Proliferation; Splenocyte; Inhibition; Stimulation (Alzani, R. (152) 35)

c-MYC protein
Lymphocyte; Western blot (Spiller, D.G. (149) 29)

Myeloma cell, mouse
Proliferation; Soluble chimeric CD4-Hγ1 receptor (Schlaeger, E.-J. (146) 111)

Myelomonocytic
Liquid phase isoelectric focusing; Rotofor cell; Interleukin-1; Inhibitor; (Human) (Peritt, D. (155) 159)

Interleukin-1; Immunosuppressive; Inhibition (Peritt, D. (155) 167)

N

NADPH oxidase
Neutrophil; Phagocyte; Hydrogen peroxide; Superoxide (Anderson, R. (155) 49)

Chemiluminescence; Chronic granulomatous disease (Porter, C.D. (155) 151)

Nasal mucosa
Cytokine; Late phase allergic reaction; Filter strip (Alam, R. (155) 25)

Natural antibody
Cytotoxicity assay; Complement; Glycosphingolipid; (Rabbit) (Yong Park, S. (154) 109)

Natural killer cell
Cellular cytotoxicity assay; Colorimetric; Melanoma; Tetrazolium; XTT (Jost, L.M. (147) 153)

Effector-target interaction; Conjugate frequency; Saturability; Affinity (Garcia-Peñarrubia, P. (155) 133)

Natural killer cell assay
Cytotoxicity assay; Calculation of lytic units (Bryant, J. (146) 91)

Neonatal cord blood
Enhanced chemiluminescence detection system; Immunoblot; IgM, low molecular weight; Healthy adult serum (Xu, H.J. (146) 241)

Nephelometry
Egg-yolk antibody; IgY; Immunized hen; Antibody purification; Affinity chromatography; Transferrin (Ntakarutimana, V. (153) 133)

Neuroblastoma
Oncogene; Flow cytometry; Immunolocalization (Gazitt, Y. (148) 159)

Oncogene; MDR-1; Bone marrow metastasis (Gazitt, Y. (148) 171)

Neuroblastoma, anti-human
Isotype variant; ELISA (D'Uscio, C. (146) 63)

Neuron-specific enolase, human
Monoclonal antibody; Synthetic peptide; ELISA, double-antibody sandwich; Small-cell carcinoma of the lung (Duncan, M.E. (151) 227)

Neutrophil
FcαR; Hemodialysis (Mazengera, R.L. (146) 121)

Antigen expression; Flow cytometry; Preparative procedures (Macey, M.G. (149) 37)

Flow cytometry; Formyl-methionine-leucine-phenylalanine receptor (Allen, C.A. (149) 159)

Phagocyte; Hydrogen peroxide; Superoxide; NADPH oxidase (Anderson, R. (155) 49)

***p*-Nitrophenol**
ELISA; Linear sweep voltammetry; Alkaline phosphatase (Tie, F. (149) 115)

***p*-Nitrophenyl phosphate**
ELISA, competitive; 2,4-Dinitrophenol; Anti-2,4-dinitrophenol; Alkaline phosphatase; 3,6-Fluorescein diphosphate (Huang, Z. (149) 261)

^{13}C-NMR
Allotype; Immunoglobulin (Kim, H.H. (153) 223)

Non-A, non-B hepatitis
ELISA; Hepatitis C virus; Post-transfusion hepatitis; Viral core protein (Yoshikawa, A. (148) 143)

Non-isotopic
Hybridization; Enzyme; Polymerase chain reaction; Oligonucleotide (Chikhaoui, Y. (150) 51)

Non-isotopic detection
Quantitative Western blot analysis; Time-resolved fluorometry; Europium chelate (Diamandis, E.P. (147) 251)

Non-linear regression
Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Parameter estimation (Bardsley, W.G. (153) 235)

Non-radioactive probe
Molecular hybridization (Guesdon, J.-L. (150) 33)

Non-radioisotopic immunoassay
Metal carbonyl tracer; Cymantrene; Fourier transform infrared spectroscopy; Phenobarbital (Salmain, M. (148) 65)

Non-specific signal
Antigen-antibody; Biotion-avidin; Fluorogenic luminescent substrate; Enzyme cascade (Avrameas, S. (150) 23)

Noradrenalin
Catecholamine; Adrenalin; Immunoassay (Murphy, J.F. (154) 89)

Novel field assay
Enzyme immunoassay; Snake venom identification (Cox, J.C. (146) 213)

Nuclear phosphoprotein p53
Immunochemical analysis; Monoclonal antibody; Epitope mapping (Vojtěšek, B. (151) 237)

Number of effective binding sites on the target antigen
Antibody association constant; Graphical fitting method; Immunoreactive fraction; Immunological binding parameter; Iterative nonlinear least squares fitting method; Monoclonal antibody, labeled; Law of mass action (Fjeld, J.G. (151) 97)

Nylon wool
Monoclonal antibody; Isolation of subpopulation (Kokkinopoulos, D. (154) 1)

Nylon wool column
Isolation procedure; Magnetic bead; Sephadex G-10; Dendritic cell; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

O

Octyl-β-D-glucopyranoside
ELISA; Human blood group A; Detergent extracts; Freeze-thaw effects (Chapman, V. (149) 147)

Oligonucleotide
Hybridization; Enzyme; Polymerase chain reaction; Non-isotopic (Chikhaoui, Y. (150) 51)

Oligonucleotide histochemistry
Immunohistochemistry; In situ hybridization; In situ nick translation (Nakane, P.K. (150) 151)

Oligosaccharide epitope
Streptococcus agalactiae; Group B streptococci; Affinity purification; Trirhamnose, ELISA (Chalifour, R.J. (154) 69)

Oncogene
Neuroblastoma; Flow cytometry; Immunolocalization (Gazitt, Y. (148) 159)

MDR-1; Neuroblastoma; Bone marrow metastasis (Gazitt, Y. (148) 171)

Oncology
Tumor marker; Tumor antigen; Hormone receptor; Immunoanalysis (Magdelénat, H. (150) 133)

One-step sandwich immunoassay
Antibody; Capture antibody; Labeled antibody; Capacity; 'Hook' effect (Fernando, S.A. (151) 47)

Organic anion transport
Electroporation; Lucifer Yellow; Lymphocyte; Probenecid (Dinchuk, J.E. (155) 257)

Oscillating bubble dialysis chamber
Simple roller; High cell density; In vitro production of MAbs (Pannell, R. (146) 43)

Ovalbumin
Class I major histocompatibility complex antigen; Cationic liposome; Polylysine; Phorbol ester (Nair, S. (152) 237)

P

p24 antigen
Intracellular; Immunofluorescence; Monoclonal antibody; HIV; Flow cytometry (Heynen, C.A. (152) 25)

Parameter estimation
Binding constant; Binding site; Cell surface antigen; Flow cytometry; Monoclonal antibody, fluorescent; Gene dosage; Gene expression; Lectin; Non-linear regression (Bardsley, W.G. (153) 235)

Parasite
IgA; Monoclonal antibody; *Eimeria tenella* (Hoare, J.A. (153) 161)

Parathymosin
ELISA; Thymic polypeptide (Economou, M. (148) 87)

Parathyroid hormone-related protein
Monoclonal antibody; Two-site immunoradiometric assay; Western blot (Ratcliffe, W.A. (146) 33)

Partitioning
Monoclonal antibody; Two-phase system; Thiophilic adsorption; Cell culture medium (Sulk, B. (149) 165)

Penicillinase
Enzyme immunosorbent assay; Prolactin, mouse (Tomita, Y. (151) 269)

Pepsin
Anti-collagen antibody; ELISA; Proteoglycan; Rheumatoid arthritis (Williams, R.O. (147) 93)

Peptide
Biospecific interaction analysis (BIAcore); Antibody-antigen interaction; Polyclonal serum; HIV-1; gp160; Affinity (Van-Cott, T.C. (146) 163)

Anti-peptide antibody; Peptide-mannan conjugate; Specific antibody; ELISA (Okawa, Y. (149) 127)

Peptide antibody
HLA class II molecule; In vitro immunization; ELISA; Immunoblotting; FACS analysis (Petersen, J.S. (151) 15)

Peptide antigen
Cell-mediated cytolysis; Colorimetric assay; Kinetics; Major histocompatibility complex antigen; Maternally transmitted antigen; Homoscedasticity (Rodgers, J.R. (152) 159)

Peptide-based ELISA
Streptavidin-biotin interaction; Biotinylated peptide; HIV-1/2; AIDS (Ivanov, V.S. (153) 229)

Peptide binding
Major histocompatibility complex class II chain; Chromatography, high performance electrophoresis; Preparative electroelution (Passmore, D. (155) 193)

Peptide hormone
Immunosorption; Gastrin Biosynthesis; Precursor; Radioimmunoassay (Rehfeld, J.F. (153) 7)

Peptide-mannan conjugate
Anti-peptide antibody; Peptide; Specific antibody; ELISA (Okawa, Y. (149) 127)

Periodate
Carbohydrate; Mucin; Epitope; Immunoperoxidese (Bara, J. (149) 105)

Peripheral blood lymphocyte separation
Platelet removal using ADP aggregation (Castell, L.M. (146) 49)

Peroxidase-linked enzyme immunoassay
Tumor necrosis factor α; ELISA (Lamb, W.R. (155) 215)

Peroxisomal biogenesis
Catalase; Monoclonal antibody; Peroxisome (Wiemer, E.A.C. (151) 165)

Peroxisome
Catalase; Monoclonal antibody; Peroxisomal biogenesis (Wiemer, E.A.C. (151) 165)

Phagocyte
Neutrophil; Hydrogen peroxide; Superoxide; NADPH oxidase (Anderson, R. (155) 49)

Phagocytosis
Fcγ receptor; Monoclonal antibody; Biotin; Streptavidin (Edberg, J.C. (148) 179)

Macrophage; Erythrocyte; Antibody-dependent cell-mediated cytotoxicity; 2,7-Diaminofluorene (Gebran, S.J. (151) 255)

Tumor necrosis factor; Monocyte; Interleukin; U937 cell line (Jiang, W.G. (152) 201)

Phagocytosis (quantitative study of)
Yeast; α-Mannan; Cytochalasin B; Chloroquine (Giaimis, J. (154) 185)

Phenobarbital
Non-radioisotopic immunoassay; Metal carbonyl tracer; Cymantrene; Fourier transform infrared spectroscopy (Salmain, M. (148) 65)

Phenotype
Lymphocyte; Polarization; Locomotion (Newman, I. (147) 43)

***p*-Phenylenediamine**
Apoptosis; Tumor necrosis factor (Salcedo, T.W. (148) 209)

Phorbol ester
Class I major histocompatibility complex antigen; Ovalbumin; Cationic liposome; Polylysine (Nair, S. (152) 237)

Photobleaching
Antibody affinity; Binding constant; Screening; Diffusion; Antigen expression (Kaufman, E.N. (155) 1)

PKH-2
Multiparameter flow cytometry; Cell tracking dye (Festin, R. (154) 47)

Placenta
Pregnancy; Immunology; Mononuclear cell; Cell culture (Rasheed, F.N. (146) 185)

Planning and evaluation
Computer program; Microplate; Immunomodulation test (Siman, P. (146) 1)

Plant tubulin
Yolk IgG; Yolk antibody; (Chicken) (McCune, C. (155) 267)

Plasma
Type IV collagenase; Gelatinase; ELISA; Pregnancy (Zucker, S. (148) 189)

Granule membrane protein-140; Monoclonal antibody; Enzyme immunoassay; CD62; P-Selectin (Katayama, M. (153) 41)

Enzyme immunoassay; False-positive reaction; Interferon-γ; Tuberculosis; (Bovine) (Jones, S.L. (155) 233)

Plasma, human
Monoclonal antibody; Second antibody; Immunoglobulin κ chain; Plasma, rabbit; Affinity; Immunoassay (Reed, G.L. (147) 111)

Plasma, rabbit
Monoclonal antibody; Second antibody; Immunoglobulin κ chain; Plasma, human; Affinity; Immunoassay (Reed, G.L. (147) 111)

Plasmodium falciparum
Glutamate-rich protein; ELISA capture; IgM; IgG; Recombinant fusion protein (Dziegiel, M. (155) 207)

Plated anti-immunoglobin
Cyclic adenosine 3′,5′-monophosphate; ELISA; ELISA, competitive (Linden, J. (151) 209)

Platelet
Transforming growth factor β; Bioassay (Merino, J. (153) 151)

Platelet-activating factor
Quantitation of platelet-activating factor; Platelet-activating factor in blood (Cooney, S.J. (151) 131)

Platelet-activating factor in blood
Platelet-activating factor; Quantitation of platelet-activating factor (Cooney, S.J. (151) 131)

Platelet removal using ADP aggregation
Peripheral blood lymphocyte separation (Castell, L.M. (146) 49)

***Pneumocystis carinii* pneumonitis**
Complement activation; Bronchoalveolar lavage fluid; Bronchial asthma; Sarcoidosis; Complement C3, C3a (Van de Graaf, E.A. (147) 241)

Polarization
Lymphocyte; Locomotion; Phenotype (Newman, I. (147) 43)

Poly
Solid phase; ELISA; Capture antibody; Adsorption; Denaturation (Butler, J.E. (150) 77)

Polyclonal antibody population
Affinity; ELISA (Bruderer, U. (151) 157)

Polyclonal serum
Biospecific interaction analysis (BIAcore); Antibody-antigen interaction; HIV-1; gp160; Peptide; Affinity (VanCott, T.C. (146) 163)

Poly-L-lysine
Haemophilus influenzae type b; ELISA; Polyribosylribitol phosphate; Monoclonal antibody (Herrmann, D.J. (148) 101)

Lipopolysaccharide; ELISA; Polymyxin B (Takahashi, K. (153) 67)

Polylysine
Class I major histocompatibility complex antigen; Ovalbumin; Cationic liposome; Phorbol ester (Nair, S. (152) 237)

Polymerase chain reaction
DNA enzyme immunoassay; T cell receptor (Bettinardi, A. (146) 71)

Immunoglobulin; Gene; cDNA; Specificity repertoires; Allergy (Walker, M.R. (149) 77)

Cytokine; Interleukin-3 receptor, murine (Fung, M.-C. (149) 97)

Hybridization; Enzyme; Oligonucleotide; Non-isotopic (Chikhaoui, Y. (150) 51)

Cytokine; Gene; Quantitation (Carding, S.R. (151) 277)

Baculovirus expression; Immunization; Monoclonal antibody; Lymphocyte cell surface antigen (De Boer, M. (152) 15)

Expression vector; Chimeric antibody; Immunoglobulin expression (Coloma, M.J. (152) 89)

HLA-DR typing; Reverse dot-blot hybridization; Sequence-specific oligonucleotide (Abe, A. (154) 205)

Polymorph
Leukocyte cellular adhesion molecule; CD11a/CD18; Flow cytometry; Lymphocyte; Monocyte (Hamblin, A. (146) 219)

Polymorphonuclear leukocyte
Chemotaxis; Boyden chamber; Separation method; Adhesion; Whole blood (Rice, J.E. (149) 121)

Microchemotaxis chamber; Densitometer; Quantification (Misso, N.L.A. (149) 183)

Polymyxin B
Lipopolysaccharide; ELISA; Poly-L-lysine (Takahashi, K. (153) 67)

Polyribosylribitol phosphate
Haemophilus influenzae type b; ELISA; Poly-L-lysine; Monoclonal antibody (Herrmann, D.J. (148) 101)

Polysaccharide
Hemolytic plaque-forming cell assay; Tetanus toxoid; Diphtheria toxoid; IgG; Affinity; Avidity (Barington, T. (146) 129)

Polysaccharide, cryptococcal
Cryptococcus neoformans; Monoclonal antibody, mouse; Immunoglobulin, mouse; ELISA (Casadevall, A. (154) 27)

Polyspecific
B cell; Cross-reactivity; ELISPOT; (Chamber); (Antigen) (Klinman, D.M. (152) 217)

Polystyrene latex particle
Monoclonal antibody; Adsorption; Low pH treatment (Van Erp, R. (152) 191)

Polyvinyl chloride
Immunoassay; Ligand adsorption; Kinetics of adsorption (Zalazar, F.E. (152) 1)

Post-transfusion hepatitis
ELISA; Hepatitis C virus; Non-A, non-B hepatitis; Viral core protein (Yoshikawa, A. (148) 143)

Precision
ELISA quality control; Antibody capture ELISA; *Dichelobacter nodosus* (Whittington, R.J. (148) 57)

Precision profile
Immunoassay; Statistics; Replicate (Delaage, M. (150) 103)

Precursor
Immunosorption; Peptide hormone; Gastrin Biosynthesis; Radioimmunoassay (Rehfeld, J.F. (153) 7)

Pregnancy
Immunology; Placenta; Mononuclear cell; Cell culture (Rasheed, F.N. (146) 185)

Type IV collagenase; Gelatinase; ELISA; Plasma (Zucker, S. (148) 189)

Prelabeling
Long term cytotoxic assay; Methionine, [^{35}S]-; ^{51}Chromium (Katz, A. (149) 255)

Preparative electroelution
Major histocompatibility complex class II chain; Chromatography, high performance electrophoresis; Peptide binding (Passmore, D. (155) 193)

Preparative procedures
Neutrophil; Antigen expression; Flow cytometry (Macey, M.G. (149) 37)

Primary antibody deficiency
ELISA; Specific IgG; Cell wall mannan; *Candida albicans* (Faux, J.A. (153) 167)

Primed and unprimed T cells
Limiting dilution analysis; T helper cell; Alloreactivity (Deacock, S. (147) 83)

Probe-based assay
Acoustic microstreaming; Diffusion; Insonation; ELISA; Incubation; Automation (Boraker, D.K. (155) 91)

Probenecid
Electroporation; Lucifer Yellow; Lymphocyte; Organic anion transport (Dinchuk, J.E. (155) 257)

Prolactin, mouse
Enzyme immunosorbent assay; Penicillinase (Tomita, Y. (151) 269)

Proliferating lymphocyte subset
5-Bromo-2-deoxyuridine; Flow cytometry (Carayon, P. (147) 225)

Proliferation
Myeloma cell, mouse; Soluble chimeric CD4-Hγ1 receptor (Schlaeger, E.-J. (146) 111)

ELISA; CELISA; cell-ELISA; Cell surface; spot-ELISA; ELISPOT; Enzyme immunoassay; Cytokine; Antibody-secreting cell (Sedgwick, J.D. (150) 159)

B lymphocyte; Stimulation; Flow cytometry (Storek, J. (151) 261)

Mycoplasma; Splenocyte; Inhibition; Stimulation (Alzani, R. (152) 35)

Proliferation assay
LAK cell; DNA staining; Fluorochrome; Propidium iodide; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

Propidium iodide
Proliferation assay; LAK cell; DNA staining; Fluorochrome; 4,6-Diamidine-2-phenylindol-dihydrochloride; Acridine orange; Hoechst H33342 (Vollenweider, I. (149) 133)

Prostaglandin
Time-resolved fluoroimmunoassay; Europium; Biotin-avidin (Lüke, F.J. (148) 217)

Protein adsorption to plastic
ELISA; Antibody specificity; Protein denaturation; Cytochrome *c* (Schwab, C. (147) 125)

Protein A leakage
Chromatography, affinity; Monoclonal antibody, murine; Antibody, chicken; ELISA (Godfrey, M.A.J. (149) 21)

Proteinase inhibitor
Cystatin superfamily; Kininogen; Anti-peptide antibody (Lalmanach, G. (149) 197)

Protein denaturation
ELISA; Antibody specificity; Protein adsorption to plastic; Cytochrome *c* (Schwab, C. (147) 125)

Protein kinase C
Electroporation; Cytolytic T lymphocyte; Calcium (Langlet, C. (151) 107)

Protein purification
Monoclonal antibody; ELISA; Quantitation (Brooks, D.A. (155) 129)

Proteoglycan
Anti-collagen antibody; ELISA; Pepsin; Rheumatoid arthritis (Williams, R.O. (147) 93)

Proteolytic degradation
IgG; IgG-polyethylene glycol conjugate; Enzyme (Cunningham-Rundles, C. (152) 177)

Pulmonary inflammation
Tumor necrosis factor, guinea pig; Antibody cross-reactivity (Ruppel-Kerr, R. (154) 179)

Purification
Basophilic granulocyte, human; Immunomagnetic bead (Mul, F.P.J. (149) 207)

Q

Quality control test
Lymphocyte number; Immunophenotyping; CD4 T lymphocyte; CD8 T lymphocyte; Automatic device (Aboulker, J.P. (154) 155)

Quantification
Microchemotaxis chamber; Densitometer; Polymorphonuclear leukocyte (Misso, N.L.A. (149) 183)

Quantitation
Polymerase chain reaction; Cytokine; Gene (Carding, S.R. (151) 277)

Monoclonal antibody; Protein purification; ELISA (Brooks, D.A. (155) 129)

Quantitation of platelet-activating factor
Platelet-activating factor; Platelet-activating factor in blood (Cooney, S.J. (151) 131)

Quantitative Western blot analysis
Time-resolved fluorometry; Europium chelate; Non-isotopic detection (Diamandis, E.P. (147) 251)

R

Radioallergosorbent test
IgE antibody; Benzyl penicilloyl hapten-poly-L-lysine conjugate; Benzyl penicilloyl hapten-human serum albumin conjugate (Blanca, M. (153) 99)

Radioimmunoassay
Interleukin-6; Monocyte, human (Peppard, J.V. (148) 23)

ELISA; Monoclonal antibody; Interleukin-1β; Interleukin-1 receptor antagonist (Dinarello, C.A. (148) 255)

Interleukin-8; ELISA; Monoclonal antibody (Ko, Y.-c. (149) 227)

ELISA; Atrial natriuretic factor; Analogue (Ingwersen, S.H. (149) 237)

Histamine; Single isotope enzymatic assay; Automated spectrofluorometer; Bronchoalveolar lavage fluid; (Lung) (Erger, R.A. (152) 115)

Immunosorption; Peptide hormone; Gastrin Biosynthesis; Precursor (Rehfeld, J.F. (153) 7)

Autoimmune thyroid disease; Insulin; Autoantibody (Hegewald, M.J. (154) 61)

Radiolabel
Lipopolysaccharide; Lipid A; Endotoxin (Munford, R.S. (148) 115)

Random sequence
Epitope; Mimotope; Expression library (Lenstra, J.A. (152) 149)

Rapidly progressive glomerulonephritis
Anti-neutrophil cytoplasm antibody; Wegener's granulomatosis; Microscopic polyarteritis; Anti-myeloperoxidase antibody (Chevailler, A. (147) 101)

Recombinant antigen
Anti-Ro/SS-A; Anti-La/SS-B; ELISA; Autoantigen; Autoantibody (Veldhoven, C.H.A. (151) 177)

Recombinant fusion protein
Plasmodium falciparum; Glutamate-rich protein; ELISA capture; IgM; IgG (Dziegiel, M. (155) 207)

Recovery
Blood collection; Anticoagulant; Spiked recombinant cytokine; Immunoassay; Stability (Thavasu, P.W. (153) 115)

Repertoire cloning
HIV-1; gp120; Monoclonal antibody; Anti-idiotype (Kasai, Y. (155) 77)

Replicate
Immunoassay; Precision profile; Statistics (Delaage, M. (150) 103)

Reporter molecule
Chimeric protein A/protein G; Chimeric protein G/alkaline phosphatase; pGEX (Sun, S. (152) 43)

Resampling technique
Immunoassay; Response/error relationship; Imprecision profile (Chiecchio, A. (147) 211)

Responder
Statistical method; Data analysis; Lymphoproliferation assay (Bennett, S. (146) 229)

Response / error relationship
Immunoassay; Imprecision profile; Resampling technique (Chiecchio, A. (147) 211)

Restoring antibody activity
Chromatography, high performance liquid; Monoclonal antibody preparation; Loss of antibody activity; Autoantigen blockage (Ma, J. (155) 121)

Reverse dot-blot hybridization
HLA-DR typing; Sequence-specific oligonucleotide; Polymerase chain reaction (Abe, A. (154) 205)

Rheumatoid arthritis
Anti-collagen antibody; ELISA; Proteoglycan; Pepsin (Williams, R.O. (147) 93)

Rheumatoid factor immunoblot assay
IgG rheumatoid factor; (Human) (Newkirk, M.M. (148) 93)

Ribi adjuvant
Freund's adjuvant; [L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine; Immune response; Antibody affinity; Adjuvant side effects; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

Ribosome-inactivating protein
Toxin; Immunotoxin (Strocchi, P. (155) 57)

Ricin
Liposome immune lysis assay; Gelonin; Ricin A chain; Calcein (Paul, A. (148) 151)

Ricin A chain
Liposome immune lysis assay; Gelonin; Ricin; Calcein (Paul, A. (148) 151)

Rosetting anti-globulin test
Blood genital tract barrier; Anti-α-galactosyl; Seminal fluid; Transudation of antibodies (Galili, U. (151) 117)

Rotofor cell
Liquid phase isoelectric focusing; Interleukin-1; Inhibitor; Myelomonocytic; (Human) (Peritt, D. (155) 159)

S

Saliva, human
Microsphere; Blood group antigen; Agglutination; Blood typing; Capillary tube (Yazawa, S. (147) 21)

Salmonella enteritidis
Monoclonal antibody; Environmental samples; ELISA (Brigmon, R.L. (152) 135)

Sandwich immunoassay
Testosterone dimer; Testosterone; Testosterone-3-(*O*-carboxymethyl)oxime (Ali, E. (147) 173)

Testosterone dimer; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity; 5α-Dihydrotestosterone (Sengupta, J. (147) 181)

Sarcoidosis
Complement activation; Bronchoalveolar lavage fluid; Bronchial asthma; *Pneumocystis carinii* pneumonitis; Complement C3, C3a (Van de Graaf, E.A. (147) 241)

Saturability
Effector-target interaction; Conjugate frequency; Affinity; Natural killer cell (Garcia-Peñarrubia, P. (155) 133)

Scale up
Serum-free medium; Human hybridoma; Monoclonal antibody (Lang, A.B. (154) 21)

Schistosoma
Magnetic bead; Microsphere; Antigen detection; ELISA; Circulating anodic antigen; Tropical medicine; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Screening
Antibody affinity; Binding constant; Photobleaching; Diffusion; Antigen expression (Kaufman, E.N. (155) 1)

Second antibody
Monoclonal antibody; Immunoglobulin κ chain; Plasma, human; Plasma, rabbit; Affinity; Immunoassay (Reed, G.L. (147) 111)

P-Selectin
Granule membrane protein-140; Monoclonal antibody; Enzyme immunoassay; Plasma; CD62 (Katayama, M. (153) 41)

Selection method
Cell line; Hybridoma, human (Hundhausen, T. (153) 21)

Seminal fluid
Blood genital tract barrier; Anti-α-galactosyl; Transudation of antibodies; Rosetting anti-globulin test (Galili, U. (151) 117)

Sensitivity
Enzyme immunoassay; IgM antibody, rabbit; Complement (Kuhn, H.-M. (155) 201)

Separation method
Polymorphonuclear leukocyte; Chemotaxis; Boyden chamber; Adhesion; Whole blood (Rice, J.E. (149) 121)

Sephadex G-10
Isolation procedure; Nylon wool column; Magnetic bead; Dendritic cell; Antigen presentation; T cell (Havenith, C.E.G. (153) 73)

Sequence-specific oligonucleotide
HLA-DR typing; Reverse dot-blot hybridization; Polymerase chain reaction (Abe, A. (154) 205)

Serodiagnosis
Branched peptide; AIDS; ELISA (Marsden, H.S. (147) 65)

Seroprevalence
HIV-1; Western blot; Dried blood spot (Granade, T.C. (154) 225)

Serum assay
DNase I; Inhibitor; Enzyme assay; Immunoassay; Endogenous DNase (Gibson, U.E.M. (155) 249)

Serum-free medium
Lymphocyte proliferation; Mitogen; Mixed lymphocyte culture; Antigen specific (Kaldjian, E.P. (147) 189)

Human hybridoma; Monoclonal antibody; Scale up (Lang, A.B. (154) 21)

Simian immunodeficiency virus glycoprotein
ELISA; HIV; *Galanthus nivalis* lectin (Mahmood, N. (151) 9)

Simple roller
Oscillating bubble dialysis chamber; High cell density; In vitro production of MAbs (Pannell, R. (146) 43)

Simultaneous synthesis
Conjugation method; Synthetic peptide; Antipeptide antibody (Maeji, N.J. (146) 83)

Single isotope enzymatic assay
Histamine; Radioimmunoassay; Automated spectrofluorometer; Bronchoalveolar lavage fluid; (Lung) (Erger, R.A. (152) 115)

Small-cell carcinoma of the lung
Neuron-specific enolase, human; Monoclonal antibody; Synthetic peptide; ELISA, double-antibody sandwich (Duncan, M.E. (151) 227)

Snake venom identification
Novel field assay; Enzyme immunoassay (Cox, J.C. (146) 213)

Solid phase
ELISA; Capture antibody; Adsorption; Denaturation; Poly (Butler, J.E. (150) 77)

Solid-phase binding test
Interferon-γ, human; Interferon-γ receptor; Soluble receptor; Interferon-γ antagonist (Ozmen, L. (147) 261)

Soluble CD14
ELISA; Biological fluid (Grunwald, U. (155) 225)

Soluble chimeric CD4-Hγ1 receptor
Myeloma cell, mouse; Proliferation (Schlaeger, E.-J. (146) 111)

Soluble receptor
Interferon-γ, human; Interferon-γ receptor; Solid-phase binding test; Interferon-γ antagonist (Ozmen, L. (147) 261)

Soluble suppressor molecule
$CD8^+$ suppressor T cell clone; Major histocompatibility complex restriction; Vβ8 family (Hu, F.-y. (152) 123)

Spacer
Hapten; Competitive inhibition; ELISA; Conjugate (Kachab, E.H. (147) 33)

Species differentiation of mycoplasmas
Mycoplasma; Elongation factor Tu; Monoclonal antibody (Kamla, V. (147) 73)

Specific antibody
Anti-peptide antibody; Peptide; Peptide-mannan conjugate; ELISA (Okawa, Y. (149) 127)

Specific IgG
ELISA; Cell wall mannan; *Candida albicans*; Primary antibody deficiency (Faux, J.A. (153) 167)

Specificity repertoires
Immunoglobulin; Gene; cDNA; Polymerase chain reaction; Allergy (Walker, M.R. (149) 77)

Spiked recombinant cytokine
Blood collection; Anticoagulant; Immunoassay; Stability; Recovery (Thavasu, P.W. (153) 115)

Spleen
Liposome; In vivo; Macrophage; Liver; Fluorescence; Marginal zone (Claassen, E. (147) 231)

B cell; Immunocytochemistry; Enzyme; In situ; (Antibody) (Claassen, E. (150) 207)

Spleen cell, mouse
Mast cell induction; Mast cell identification; Mitogen response of mast cells (Hu, Z.-Q. (149) 173)

Splenocyte
Mycoplasma; Proliferation; Inhibition; Stimulation (Alzani, R. (152) 35)

SSEA-1
Immunomagnetic; Cell separation; Dynabeads; Differentiation; Cell growth; Flow cytometry (Swann, I.D. (152) 245)

STa antibody immunoassay
STa enterotoxin; Avidin-biotin interaction; ELISA (Germani, Y. (146) 25)

Stability
Blood collection; Anticoagulant; Spiked recombinant cytokine; Immunoassay; Recovery (Thavasu, P.W. (153) 115)

STa enterotoxin
STa antibody immunoassay; Avidin-biotin interaction; ELISA (Germani, Y. (146) 25)

Staining method
Immunofluorescence analysis; Lymphocyte subsets (Pechhold, K. (147) 135)

Staphylococcal protein A
Streptococcal protein G; Agonistic antibody; B cell, human; CD43; CD40 (Jakobson, E. (152) 49)

Statistical method
Data analysis; Lymphoproliferation assay; Responder (Bennett, S. (146) 229)

Statistics
Immunoassay; Precision profile; Replicate (Delaage, M. (150) 103)

Stimulation
B lymphocyte; Proliferation; Flow cytometry (Storek, J. (151) 261)

Mycoplasma; Proliferation; Splenocyte; Inhibition (Alzani, R. (152) 35)

Streptavidin
Fcγ receptor; Phagocytosis; Monoclonal antibody; Biotin (Edberg, J.C. (148) 179)

Europium; Time-resolved fluorometry; Fluoroimmunoassay; Follicle stimulating hormone; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Streptavidin-biotin interaction
Biotinylated peptide; Peptide-based ELISA; HIV-1/2; AIDS (Ivanov, V.S. (153) 229)

Streptococcal protein G
Staphylococcal protein A; Agonistic antibody; B cell, human; CD43; CD40 (Jakobson, E. (152) 49)

Streptococcus agalactiae
Group B streptococci; Affinity purification; Oligosaccharide epitope; Trirhamnose, ELISA (Chalifour, R.J. (154) 69)

Substrate-labeled fluorescence immunoassay
Enzyme immunoassay; Enzyme-multiplied immunoassay technique; Apoenzyme reactivation immunoassay; Cofactor-labeled; Inhibitor-labeled (Jenkins, S.H. (150) 91)

Superoxide
Neutrophil; Phagocyte; Hydrogen peroxide; NADPH oxidase (Anderson, R. (155) 49)

Surface antigen
Defined medium; Monocyte; Monokine; Differentiation (Bennett, S. (153) 201)

Surface effect
Enzyme immunoassay; Artifact; Limitation; Interference; Cross-reactivity; Homogeneous (Pesce, A.J. (150) 111)

Surface immunoglobulin
B cell malignancy; Dual fluorescence flow cytometry; Lymphocyte subsets (Reynolds, W.M. (151) 123)

Synthetic peptide
Conjugation method; Simultaneous synthesis; Antipeptide antibody (Maeji, N.J. (146) 83)

Neuron-specific enolase, human; Monoclonal antibody; ELISA, double-antibody sandwich; Small-cell carcinoma of the lung (Duncan, M.E. (151) 227)

Cytotoxic T lymphocyte; Influenza A virus; Immunization (Zhou, X. (153) 193)

Immune response; Cytotoxic T lymphocyte; Helper epitope; Malaria (Widmann, C. (155) 95)

Systemic lupus erythematosus
Immune complex; Conglutinin; Anti-collagen antibody (Holmskov, U. (148) 225)

Brain-reactive autoantibody; ELISA (Crimando, J. (149) 87)

T

Targeting
Monoclonal antibody; Alkaline phosphatase; Macrophage; Horseradish peroxidase; Coupling; Enzyme conjugate; (Mice) (Van Rooijen, N. (151) 149)

T cell
Autoimmune disease; Autoantigen; Autoantibody (Druet, P. (150) 177)

Isolation procedure; Nylon wool column; Magnetic bead; Sephadex G-10; Dendritic cell; Antigen presentation (Havenith, C.E.G. (153) 73)

αβ T cell
Hepatic lymphocyte; Intermediate TcR cell; Extrathymic T cell (Watanabe, H. (146) 145)

T cell activation
T cell antigen receptor; CD3; Transfection (Zumla, A. (149) 69)

T cell antigen receptor
CD3; Transfection; T cell activation (Zumla, A. (149) 69)

T cell receptor
DNA enzyme immunoassay; Polymerase chain reaction (Bettinardi, A. (146) 71)

Autoimmune disease; (Antibody) (Basi, G.S. (155) 175)

T cell stimulation
Immunomagnetic particle; Human acetylcholine receptor (AChR); Antigen presentation; Autoreactive human T cell; Myasthenia gravis (Hawke, S. (155) 41)

T cell subset
Flow cytometry; Technical influence; Temperature of storage; Time (Ekong, T. (151) 217)

Technetium-99m-labeled macromolecule
Biological response modifiers; Tumor uptake enhancement (Thakur, M.L. (152) 209)

Technical influence
Flow cytometry; T cell subset; Temperature of storage; Time (Ekong, T. (151) 217)

Temperature of storage
Flow cytometry; T cell subset; Technical influence; Time (Ekong, T. (151) 217)

Testosterone
Direct enzyme immunoassay (Dhar, T.K. (147) 167)

Sandwich immunoassay; Testosterone dimer; Testosterone-3-(*O*-carboxymethyl)oxime (Ali, E. (147) 173)

Testosterone dimer
Sandwich immunoassay; Testosterone; Testosterone-3-(*O*-carboxymethyl)oxime (Ali, E. (147) 173)

Sandwich immunoassay; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity; 5α-Dihydrotestosterone (Sengupta, J. (147) 181)

Testosterone-17-hemisuccinate
Sandwich immunoassay; Testosterone dimer; Heterology; Testosterone-3-(*O*-carboxymethyl)oxime; 4-(Carboxymethylmercapto) testosterone; Cross-reactivity;. 5α-Dihydrotestosterone (Sengupta, J. (147) 181)

Testosterone-3-(*O*-carboxymethyl)oxime
Sandwich immunoassay; Testosterone dimer; Testosterone (Ali, E. (147) 173)

Sandwich immunoassay; Testosterone dimer; Heterology; 4-(Carboxymethylmercapto) testosterone; Testosterone-17-hemisuccinate; Cross-reactivity; 5α-Dihydrotestosterone (Sengupta, J. (147) 181)

Tetanus toxoid
Hemolytic plaque-forming cell assay; Polysaccharide; Diphtheria toxoid; IgG; Affinity; Avidity (Barington, T. (146) 129)

Tetrazolium
Cellular cytotoxicity assay; Colorimetric; Melanoma; Natural killer cell; XTT (Jost, L.M. (147) 153)

T helper cell
Limiting dilution analysis; Alloreactivity; Primed and unprimed T cells (Deacock, S. (147) 83)

T helper hybridoma
Antigen-specific B cell; Hapten-carrier model; In vitro immunization (Schilizzi, B.M. (153) 49)

Thiophilic adsorption
Monoclonal antibody; Partitioning; Two-phase system; Cell culture medium (Sulk, B. (149) 165)

Thymic polypeptide
Parathymosin; ELISA (Economou, M. (148) 87)

Thymocyte
Apoptosis; Multicolor flow cytometry (Hardin, J.A. (154) 99)

Thymocyte apoptosis
DNA fragmentation; Flow cytometry; Lymphocyte irradiation (Ojeda, F. (152) 171)

Thymosin β_4
Thymosin β_4[1–11]; Thymosin β_4[1–14]; Antibodies against thymosin β_4, thymosin β_4[1–11], or thymosin β_4[1–14]; Thymosin β_9; ELISA (Livaniou, E. (148) 9)

Thymosin β_4[1–11]
Thymosin β_4; Thymosin β_4[1–14]; Antibodies against thymosin β_4, thymosin β_4[1–11], or thymosin β_4[1–14]; Thymosin β_9; ELISA (Livaniou, E. (148) 9)

Thymosin β_4[1–14]
Thymosin β_4; Thymosin β_4[1–11]; Antibodies against thymosin β_4, thymosin β_4[1–11], or thymosin β_4[1–14]; Thymosin β_9; ELISA (Livaniou, E. (148) 9)

Thymosin β_9
Thymosin β_4; Thymosin β_4[1–11]; Thymosin β_4[1–14]; Antibodies against thymosin β_4, thymosin β_4[1–11], or thymosin β_4[1–14]; ELISA (Livaniou, E. (148) 9)

Thyroid stimulating hormone
Europium; Streptavidin; Time-resolved fluorometry; Fluoroimmunoassay; Follicle stimulating hormone; DELFIA (Suonpää, M. (149) 247)

Thyroid tissue
In situ hybridization; Interferon-γ; Interleukin-6; Interleukin-1 (Rutenfranz, I. (148) 233)

Time
Flow cytometry; T cell subset; Technical influence; Temperature of storage (Ekong, T. (151) 217)

Time-resolved fluoroimmunoassay
Dissociation-enhanced lanthanide fluoroimmunoassay; Tumor necrosis factor α; Interleukin-6; Cytokine (Ogata, A. (148) 15)

Europium; Prostaglandin; Biotin-avidin (Lüke, F.J. (148) 217)

Time-resolved fluorometry
Quantitative Western blot analysis; Europium chelate; Non-isotopic detection (Diamandis, E.P. (147) 251)

Europium; Streptavidin; Fluoroimmunoassay; Follicle stimulating hormone; Thyroid stimulating hormone; DELFIA (Suonpää, M. (149) 247)

TiterMax
Immunoadjuvant; Complete Freund's adjuvant; Antibody titer (Bennett, B. (153) 31)

Titration
Biosynthetic human growth hormone; Competitive; Cooperativity; Monoclonal antibody; Circular antigen-antibody complex (Fernando, S.A. (151) 27)

T lymphocyte
Calcium; Activation; Flow cytometry; (Human) (Alexander, R.B. (148) 131)

Toxin
Ribosome-inactivating protein; Immunotoxin (Strocchi, P. (155) 57)

Transfection
T cell antigen receptor; CD3; T cell activation (Zumla, A. (149) 69)

Cytotoxic T lymphocyte; Vaccinia virus; Antigen presentation; T7 RNA polymerase (Eisenlohr, L.C. (154) 131)

Transferrin
Egg-yolk antibody; IgY; Immunized hen; Antibody purification; Affinity chromatography; Nephelometry (Ntakarutimana, V. (153) 133)

Transforming growth factor β
Platelet; Bioassay (Merino, J. (153) 151)

Transmissible gastroenteritis coronavirus
Viral determinant detection; Fixative; Immunoperoxidase (Tô, L.-T. (154) 195)

Transudation of antibodies
Blood genital tract barrier; Anti-α-galactosyl; Seminal fluid; Rosetting anti-globulin test (Galili, U. (151) 117)

***s*-Triazine quantification**
Dextran carrier; ELISA; Monoclonal antibody (Böcher, M. (151) 1)

Trirhamnose, ELISA
Streptococcus agalactiae; Group B streptococci; Affinity purification; Oligosaccharide epitope (Chalifour, R.J. (154) 69)

T7 RNA polymerase
Cytotoxic T lymphocyte; Transfection; Vaccinia virus; Antigen presentation (Eisenlohr, L.C. (154) 131)

Tropical disease
Immunodiagnostic kits; Diagnostics (Talwar, G.P. (150) 121)

Tropical medicine
Magnetic bead; Microsphere; Antigen detection; ELISA; *Schistosoma*; Circulating anodic antigen; Epidemiology; Monoclonal antibody; Microtiter (Gundersen, S.G. (148) 1)

Tuberculosis
Enzyme immunoassay; False-positive reaction; Interferon-γ; Plasma; (Bovine) (Jones, S.L. (155) 233)

Tumor antigen
Tumor marker; Hormone receptor; Immunoanalysis; Oncology (Magdelénat, H. (150) 133)

Monoclonal antibody; Baculovirus recombinant; Antibody-directed cellular cytotoxicity assay (Nesbit, M. (151) 201)

Tumor cell lysis
Mouse complement; *Mus hortulanus* (Ong, G.L. (154) 37)

Tumor infiltrating leukocyte
Cell separation; Colorectal tumor cell; Monoclonal antibody HEA125; Epithelium specific; Immunomagnetic bead (Kemmner, W. (147) 197)

Tumor infiltrating lymphocyte
Glioma; Limiting dilution analysis (Tzeng, J.-J. (146) 177)

Colorectal tumor; Cell sorting (Durrant, L.G. (147) 57)

Tumor necrosis factor; Tumor necrosis factor receptor; ELISA, tumor necrosis factor; Gene therapy; Lymphokine secretion (Hwu, P. (151) 139)

Tumor marker
Tumor antigen; Hormone receptor; Immunoanalysis; Oncology (Magdelénat, H. (150) 133)

Tumor necrosis factor
Apoptosis; *p*-Phenylenediamine (Salcedo, T.W. (148) 209)

Tumor necrosis factor receptor; ELISA, tumor necrosis factor; Tumor infiltrating lymphocyte; Gene therapy; Lymphokine secretion (Hwu, P. (151) 139)

Monocyte; Interleukin; U937 cell line; Phagocytosis (Jiang, W.G. (152) 201)

Tumor necrosis factor α
Dissociation-enhanced lanthanide fluoroimmunoassay; Time-resolved fluoroimmunoassay; Interleukin-6; Cytokine (Ogata, A. (148) 15)

Endotoxin; Lipopolysaccharide; Interleukin-1α; Interleukin-1β; Interleukin-6 (Riches, P. (153) 125)

Peroxidase-linked enzyme immunoassay; ELISA (Lamb, W.R. (155) 215)

Tumor necrosis factor, guinea pig
Antibody cross-reactivity; Pulmonary inflammation (Ruppel-Kerr, R. (154) 179)

Tumor necrosis factor receptor
Tumor necrosis factor; ELISA, tumor necrosis factor; Tumor infiltrating lymphocyte; Gene therapy; Lymphokine secretion (Hwu, P. (151) 139)

Tumor uptake enhancement
Technetium-99m-labeled macromolecule; Biological response modifiers (Thakur, M.L. (152) 209)

Two color immunofluorescence flow cytometry
Cytokine; Monocyte (De Caestecker, M.P. (154) 11)

Two-phase system
Monoclonal antibody; Partitioning; Thiophilic adsorption; Cell culture medium (Sulk, B. (149) 165)

Two-site immunoradiometric assay
Monoclonal antibody; Parathyroid hormone-related protein; Western blot (Ratcliffe, W.A. (146) 33)

Two-step sandwich immunoassay
Antibody; Analyte; Capture antibody; Labeled antibody; Epitope (Fernando, S.A. (151) 67)

Type IV collagenase
Gelatinase; ELISA; Plasma; Pregnancy (Zucker, S. (148) 189)

[L-Tyr,L-Glu,DL-Ala]-Poly-L-lysine
Freund's adjuvant; Ribi adjuvant; Immune response; Antibody affinity; Adjuvant side effects; Granuloma; Creatinine kinase; (Rabbit) (Deeb, B.J. (152) 105)

U

U937 cell line
Tumor necrosis factor; Monocyte; Interleukin; Phagocytosis (Jiang, W.G. (152) 201)

UCHL1
Immunomagnetic; Microbeads; Dynabeads; CD45RO; Magnetic cell sorter (Manyonda, I.T. (149) 1)

Ultrafiltration
Culture supernatant; Monoclonal antibody (Saha, K. (151) 307)

V

Vaccination
IgG subclass; HBsAg (Borzì, R.M. (146) 17)

Vaccine
Helper T cell epitope; Fragment condensation; Multiple antigenic peptide; Coupling (McLean, G.W. (155) 113)

Vaccinia virus
Cytotoxic T lymphocyte; Transfection; Antigen presentation; T7 RNA polymerase (Eisenlohr, L.C. (154) 131)

Vβ8 family
$CD8^+$ suppressor T cell clone; Major histocompatibility complex restriction; Soluble suppressor molecule (Hu, F.-y. (152) 123)

Viral core protein
ELISA; Hepatitis C virus; Non-A, non-B hepatitis; Post-transfusion hepatitis (Yoshikawa, A. (148) 143)

Viral determinant detection
Transmissible gastroenteritis coronavirus; Fixative; Immunoperoxidase (Tô, L.-T. (154) 195)

W

Washing
Heterogeneous immunoassay; Microplate; Diffusion; Convection (Beumer, T. (154) 77)

Wegener's granulomatosis
Anti-neutrophil cytoplasm antibody; Microscopic polyarteritis; Rapidly progressive glomerulonephritis; Anti-myeloperoxidase antibody (Chevailler, A. (147) 101)

Western blot
Monoclonal antibody; Parathyroid hormone-related protein; Two-site immunoradiometric assay (Ratcliffe, W.A. (146) 33)

c-MYC protein; Lymphocyte (Spiller, D.G. (149) 29)

ELISA; Amplification (Bobrow, M.N. (150) 145)

Escherichia coli antigen; Antibody elution; Chaotropic ion; Cross-reaction (Hammerl, P. (151) 299)

Monoclonal antibody; Biotinylation; ELISA; Immunoadsorption (Schuh, R. (152) 59)

HIV-1; Dried blood spot; Seroprevalence (Granade, T.C. (154) 225)

Whole blood
Polymorphonuclear leukocyte; Chemotaxis; Boyden chamber; Separation method; Adhesion (Rice, J.E. (149) 121)

X

X ray mutagenesis
Lyt2$^-$ mutant; Magnetic particle; Immunoselection (Iannelli, D. (154) 211)

XTT
Cellular cytotoxicity assay; Colorimetric; Melanoma; Natural killer cell; Tetrazolium (Jost, L.M. (147) 153)

Y

Yeast
Phagocytosis (quantitative study of); α-Mannan; Cytochalasin B; Chloroquine (Giaimis, J. (154) 185)

Yolk antibody
Yolk IgG; Plant tubulin; (Chicken) (McCune, C. (155) 267)

Yolk IgG
Yolk antibody; Plant tubulin; (Chicken) (McCune, C. (155) 267)

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Troncone, R., Vitale, M., Donatiello, A., Farris, E., Rossi, G. and Auricchio, S. (1986) A sandwich enzyme immunoassay for wheat gliadin. J. Immunol. Methods 92, 21.

Strauss, J.H. and Strauss, E.G. (1985) Antigenic structure of togaviruses. In: M.H.V. Van Regenmortel and A.R. Neurath (Eds.), Immunochemistry of Viruses. Elsevier, Amsterdam, p. 407.

Campbell, A.M. (1984) In: R.H. Burdon and P.H. Van Knippenberg (Eds.), Laboratory Techniques in Biochemistry and Molecular Biology, Vol. 13, Monoclonal Antibody Technology. Elsevier, Amsterdam, p. 75.

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CONTENTS

Announcement from the publisher v

Author index 1

Subject index 25

Notes to authors 71

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